### **CURRICULUM VITAE**

# Clay Routledge March 2020

### **CONTACT INFORMATION**

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### **EDUCATION**

Ph.D., 2003 – 2005	University of Missouri - Columbia
M.A., 2001 - 2003	University of Missouri - Columbia
B.A., 1995 – 1999	Missouri Southern State University

### **EMPLOYMENT HISTORY**

2016 – Present	Professor North Dakota State University
2013 – 2016	Associate Professor North Dakota State University
2007 – 2013	Assistant Professor North Dakota State University
2006 - 2007	Assistant Professor University of Southampton, UK
2005 - 2006	Research Fellow University of Southampton, UK

### OTHER CURRENT PROFESSIONAL AFFILIATIONS

Faculty Fellow – Challey Institute for Global Innovation and Growth Senior Fellow – Institute for Family Studies

Nonresident Scholar – Baylor University Institute for Studies of Religion Occasional Behavioral Science Opinion Writer – The New York Times Occasional Behavioral Science Opinion Writer – National Review

### **BOOKS**

Vail, K. & Routledge, C. (Eds) (2020). *The science of religion, spirituality, and existentialism*. New York: Elsevier.

Routledge, C. (2018). *Supernatural: Death, meaning, and the power of the invisible world.* New York: Oxford University Press.

- Routledge, C. & Vess, M. (Eds) (2018). *The handbook of terror management theory*. New York: Elsevier.
- Routledge, C. (2015). Nostalgia: A psychological resource. New York: Routledge Press.
- Hicks, J. & Routledge, C. (Eds) (2013). The experience of meaning in life: Classical perspectives, emerging themes, and controversies. New York: Springer Press.

### SAMPLE OF POPULAR PRESS PUBLICATIONS

- Routledge, C. (2019, May 21). Nostalgia reveals the importance of family and close relationships. Institute for Family Studies. Retrieved from <a href="https://ifstudies.org/blog/nostalgia-reveals-the-importance-of-family-and-close-relationships">https://ifstudies.org/blog/nostalgia-reveals-the-importance-of-family-and-close-relationships</a>
- Routledge, C. (2018, July 14). Americans quit church but still search for meaning, now as loners. *National Review*. Retrieved from <a href="https://www.nationalreview.com/2018/07/traditional-religion-has-social-value-individual-quests-leave-people-isolated/">https://www.nationalreview.com/2018/07/traditional-religion-has-social-value-individual-quests-leave-people-isolated/</a>
- Routledge, C. (2018, June 23). Suicides have increased. Is this an existential crisis? *The New York Times*. Retrieved from <a href="https://www.nytimes.com/2018/06/23/opinion/sunday/suicide-rate-existential-crisis.html">https://www.nytimes.com/2018/06/23/opinion/sunday/suicide-rate-existential-crisis.html</a>
- Routledge, C. (2018, January 16). The curse of modern loneliness. *National Review*. Retrieved from <a href="https://www.nationalreview.com/2018/01/digital-age-loneliness-public-health-political-problem/">https://www.nationalreview.com/2018/01/digital-age-loneliness-public-health-political-problem/</a>
- Routledge, C. (2017, October 14). Why are Millennials wary of freedom? *The New York Times*. Retrieved from <a href="https://www.nytimes.com/2017/10/14/opinion/sunday/millennials-freedom-fear.html">https://www.nytimes.com/2017/10/14/opinion/sunday/millennials-freedom-fear.html</a>
- Routledge, C. (2017, September 13). The campus left vs. the mentally ill. *The Wall Street Journal*. Retrieved from https://www.wsj.com/articles/the-campus-left-vs-the-mentally-ill-1505343051
- Routledge, C. (2017, July 21). Don't believe in God? Maybe you'll try U.F.O.s. *The New York Times*. Retrieved from <a href="https://www.nytimes.com/2017/07/21/opinion/sunday/dont-believe-in-god-maybe-youll-try-ufos.html?r=0">https://www.nytimes.com/2017/07/21/opinion/sunday/dont-believe-in-god-maybe-youll-try-ufos.html?r=0</a>
- Routledge, C. (2016, October 24). We champion racial, gender, and cultural diversity why not viewpoint diversity? *Scientific American*. Retrieved from <a href="https://blogs.scientificamerican.com/guest-blog/we-champion-racial-gender-and-cultural-diversity-why-not-viewpoint-diversity/">https://blogs.scientificamerican.com/guest-blog/we-champion-racial-gender-and-cultural-diversity-why-not-viewpoint-diversity/</a>
- Routledge, C. (2017). To go: The psychology of exploration in Star Trek. In Langley, T. (Ed), *Star Trek Psychology*. New York: Sterling.
- Routledge, C. (2015). Faith and the Force: Star Wars and the psychology of religion. In Langley, T. (Ed), *Star Wars Psychology: Dark Side of the Mind*. New York: Sterling.
- Routledge, C. (2015). Finding your purpose in a zombie apocalypse. In Langley, T. (Ed), *The Walking Dead Psychology: Psychology of the Living Dead*. New York: Sterling.
- Routledge, C. (2015, Summer Issue). The science of sacred memories: Nostalgia and its effects on our psychological and social health and well-being. *On Second Thought*, 10-13.

- Routledge, C. (2014, November 3). To feel meaningful is to feel immortal. *Scientific American*. Retrieved from <a href="http://blogs.scientificamerican.com/mind-guest-blog/2014/11/03/to-feel-meaningful-is-to-feel-immortal/">http://blogs.scientificamerican.com/mind-guest-blog/2014/11/03/to-feel-meaningful-is-to-feel-immortal/</a>
- Routledge, C. (2013, August 19). A new view of an old emotion, or how science is saving nostalgia. *The Conversation*. Retrieved from <a href="http://theconversation.com/a-new-view-of-an-old-emotion-or-how-science-is-saving-nostalgia-16658">http://theconversation.com/a-new-view-of-an-old-emotion-or-how-science-is-saving-nostalgia-16658</a>
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### SCHOLARLY PUBLICATIONS

(current and former student authors shown in bold)

- Hepper, E. G., Wildschut, T., Sedikides, C., Robertson, S., & Routledge, C. (in press). Time capsule: Nostalgia shields wellbeing from limited time horizons. *Emotion*.
- **FioRito, T., Geiger, A.**, & Routledge, C. (in press). Creative nostalgia: The social and psychological benefits of scrapbooking. *Art Therapy*.
- Fetterman, A., **Juhl, J.**, Meier, B., **Abeyta, A. A.**, Routledge, C. & Robinson, M. (in press). The path to God is through the heart: Metaphoric self-location as a predictor of religiosity. *Self & Identity*.
- **Nelson, T. A., Abeyta, A. A.** & Routledge, C. (in press). What makes life meaningful for theists and atheists? *Psychology of Religion and Spirituality*.
- **Abeyta, A. A.** & Routledge, C. (in press). Sentimentality. In Zeigler-Hill, V. & Shackelford, T. K. (Eds). *Encyclopaedia of Personality and Individual Differences*. New York: Springer.
- Arndt, J., Routledge, C., & Bultmann, M. (in press). Time to die: A terror management perspective on the intersection between temporal thought and awareness of mortality. Chapter to appear in F. Grouzet (Ed), Oxford Handbook of Psychology of Time Travel and Temporality.
- Rivera, G. N., Vess, M., Hicks, J. A., & Routledge, C. (2020). Awe and meaning: Elucidating complex effects of awe experiences on meaning in life. *European Journal of Social Psychology*, 50, 392-405.
- **Nelson, T. A.,** Abeyta, A. A, & Routledge, C. (2020). Does meaning motivate magical thinking among theists and atheists? *Social Psychological and Personality Science*, 11, 176 184.
- Bocincova, A., Nelson. T. A., Johnson, J., & Routledge, C. (2019). Experimentally induced nostalgia reduces the amplitude of the event-related negativity. *Social Neuroscience*, *14*, 631-634.
- **Abeyta, A. A., Nelson, T. A.**, & Routledge, C. (2019). The pushes and pulls of the past: The effects of attachment-related avoidance and nostalgia on approach-oriented social goals. *Personality and Individual Differences*, 149, 200 208.
- **Abeyta, A.**, **Nelson, T.**, & Routledge, C. (2018). Precious time: The role of time and temporal thought in managing death-awareness. In C. Routledge & M. Vess (Eds), *The handbook of terror management theory*. New York: Elsevier.

- **Abeyta, A.** & Routledge, C. (2018). The need for meaning and religiosity: An individual differences approach to assessing existential needs and the relation with religious commitment, beliefs, and experiences. *Personality and Individual Differences*, 123, 6-13.
- Routledge, C., **Abeyta, A. A.**, & **Roylance, C**. (2018). Death and end times: The effects of mortality salience and religious fundamentalism on apocalyptic beliefs. *Religion, Brain, & Behavior, 8*, 21-30.
- Arrowood, R. B., Cox, C. R., Kersten, M., Routledge, C., Shelton, J. T., & Hood, R. (2017). Ebola salience, death-thought accessibility, and worldview defense: A terror management theory perspective. *Death Studies*, *41*, 585-591.
- **Abeyta, A.**, Routledge, C., Kersten, M., & Cox, C. R. (2017). The existential cost of economic insecurity: Threatened financial security undercuts meaning. *Journal of Social Psychology*, *157*, 692-702.
- **Roylance**, C., Routledge, C., & Balas, B. (2017). Treating objects like women: The impact of terror management and objectification on the perception of women's faces. *Sex Roles*, 77, 593-603.
- **Juhl, J.**, Routledge, C. Hicks, J., & Sedikides, C. (2017). Can affectively negative experiences contribute to wellbeing? The affectively negative need-fulfillment model. In M. D. Robinson & M. Eid (*Eds.*), *The Happy Mind: Cognitive Contributions to Well-Being (pp. 389-407)*. New York: Springer.
- **Abeyta, A. A.** & Routledge, C. (2017). Nostalgia as a psychological resource for a meaningful life. In M. D. Robinson & M. Eid (Eds.) *The Happy Mind: Cognitive Contributions to Well-Being (pp. 427-442)*. New York: Springer.
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- Christy, A., Sander, C., Vess, M., Routledge, C., & Schlegel, R. (2017). The true self and existential structure: Unexpected effects of mortality salience and personal need for structure on belief in a true self. *Self & Identity*, *16*, 335-352.
- Routledge, C., **Abeyta**, **A. A.**, & **Roylance**, **C.** (2017). We are not alone: The meaning motive, religiosity, and belief in extraterrestrial intelligence. *Motivation and Emotion*, 41, 135-146.
- Routledge, C., **Abeyta, A. A.**, & **Roylance, C.** (2017). Further exploring the relationship between religion and existential health: The effects of religiosity and trait differences in mentalizing on indicators of meaning in life. *Journal of Religion and Health*, *56*, 604-613.

- Routledge, C., **Roylance**, C., & **Abeyta. A. A.** (2016). Nostalgia as an existential intervention: Using the past to secure meaning in the present and future. In Russo-Netzer, S. Schulenberg, P., & A. Batthyany (Eds). *To thrive, to cope, to understand Meaning in positive and existential psychotherapy (pp 343-362).* New York: Springer.
- Routledge, C. **Abeyta**, A. & **Roylance**, C. (2016). An existential function of evil: The effects of religiosity and compromised meaning on belief in magical evil forces. *Motivation and Emotion*, 40, 681-688.
- **Roylance,** C., Routledge, C., & **Abeyta, A. A.** (2016). I am not an animal but I am a sexist: Belief in human distinctiveness predicts sexist attitudes towards women and meaning in life. *Feminism and Psychology*, 26, 368-377.
- Sedikides, C., Wildschut, T., Cheung, W.-Y., Routledge, C., Hepper, E. G., Arndt, J., Vail, K., Zhou, X., Brackstone, K., & Vingerhoets, A. J. J. M. (2016). Nostalgia fosters self-continuity: Uncovering the mechanism (social connectedness) and the consequence (eudaimonic wellbeing). *Emotion*, *16*, 524-539.
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- **Abeyta, A. A.** & Routledge, C. (2016). Fountain of youth: The impact of nostalgia on youthfulness and implications for health. *Self & Identity*, *15*, 356-369.
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- **Abeyta. A. A.**, Routledge, C., **Juhl, J.**, & Robinson, M. D. (2015). Finding meaning through emotional understanding: Emotional clarity predicts meaning in life and adjustment to existential threat. *Motivation and Emotion*, *39*, 973-983.
- Robinson, M. D., & Routledge, C. (2015). Personality and the self: Toward an integration. In: J. Wright (Ed.), *International Encyclopedia of Social and Behavioral Sciences* (2<sup>nd</sup> ed.) (pp 814-820). Oxford, England. Elsevier.
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- **Juhl, J.** & Routledge, C. (2015). The awareness of death reduces subjective vitality and self-regulatory energy for individuals with low interdependent self-construal. *Motivation and Emotion*, 39, 531-540.

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- **Abeyta, A. A.**, Routledge, C., **Roylance, C.**, Wildschut, T., & Sedikides, C. (2015). Attachment-related avoidance and the social and agentic content of nostalgic memories. *Journal of Social and Personal Relationships*, *32*, 406-413.
- Sedikides, C., Wildschut, T., Routledge, C., Arndt, J., & Hepper, E. (2015). To nostalgize: Mixing memory with affect and desire. *Advances in Experimental Social Psychology*, *59*, 189-258.
- Routledge, C., **Juhl, J., Abeyta, A. A., & Roylance, C**. (2014). Using the past to promote a peaceful future: Nostalgia proneness mitigates existential threat induced nationalistic and religious self-sacrifice. *Social Psychology*, *45*, 339-346.
- **Roylance, C., Abeyta, A. A.,** Routledge, C., & **Juhl, J**. (2014). The existential consequences of an unjust world: The effects of individual differences in belief in a just world and just world threats on death-thought accessibility. *Basic and Applied Social Psychology*, *36*, 452-460.
- Routledge, C. (2014). Revisiting the past can make the present a better place: The psychological and social benefits of nostalgia. *In Mind*, 8.
- **Juhl, J**. & Routledge, C. (2014). Finding the terror that the social self manages: Interdependent self-construal protects against anxiety engendered by death awareness. *Journal of Clinical and Social Psychology*, 33, 365-379.
- **Abeyta, A. A., Juhl, J.**, & Routledge, C. (2014). Exploring the effects of self-esteem and mortality salience on proximal and distally-measured death anxiety: A further test of the dual process model of terror management. *Motivation and Emotion*, 38, 523-528.
- Stephan, E., Wildschut, T., Sedikides, C., Zhou, X., He, W., Routledge, C., & Vingerhoets, A. J. (2014). The Mnemonic Mover: Nostalgia regulates approach and avoidance motivation. *Emotion*, *14*, 545-561.
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- Routledge, C., Wildschut, T., Sedikides, C., & **Juhl**, **J**. (2013). Nostalgia as a resource for psychological health and well-being. *Social and Personality Psychology Compass*, 808 818.
- Morris, K. L., Cooper. D., Goldenberg, J., Arndt, J., & Routledge, C. (2013). Objectification as self-affirmation in the context of death-relevant health threat. *Self and Identity*, *12*, 610 620.
- Seehusen, J., Cordaro, P., Wildschut, T., Sedikides, C., Routledge, C., Blackhart, G. C., Epstude, K., & Vingerhoest, A. J. (2013). Individual differences in nostalgia proneness: The integrating role of the need to belong. *Personality and Individual Differences*, *55*, 904-908.

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- Routledge, C., **Juhl**, **J**., & Vess, M. (2012). Mortality salience increases death-anxiety for individuals low in personal need for structure. *Motivation and Emotion*, *36*, 478-482.
- Routledge. C. (2012). Failure causes fear: The effects of self-esteem threat on death-anxiety. *The Journal of Social Psychology*, 152, 665-669.
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- **Juhl, J., Sand, E.**, & Routledge, C. (2012). The effects of nostalgia and avoidant attachment on relationship satisfaction and romantic motives. *Journal of Social and Personal Relationships*, 29, 661–670.
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- **Juhl, J.** & Routledge, C. (2010). Structured terror: Further exploring the effects of mortality salience and personal need for structure on worldview defense. *Journal of Personality*, 78(3), 969-990.
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- Routledge, C. & Arndt, J. (2005). Time and terror: Managing temporal consciousness and the awareness of mortality. In A. Strathman & J. Joireman (Eds.), *Understanding behavior in the context of time: Theory, Research, and Application* (pp 59 84). Erlbaum.
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- Arndt, J., Cook, A., & Routledge, C. (2004). The blueprint of terror management: Understanding the cognitive architecture of psychological defense against death-related thought. In S. Koole, T. Pyszczynski, & J. Greenberg (Eds.), *Handbook of Empirical Existential Psychology* (pp 35 53). New York: Guilford.

### **FUNDED PROJECTS AND GRANTS**

- Routledge, C (PI). The existential psychology of innovation and entrepreneurship. *Challey Institute for Global Innovation and Growth*. 2019-2020.
- Routledge, C (PI) & Nelson T. Meaning motivated community action. *Center for the Study of Public Choice and Private Enterprise*. 2019-2020.
- Routledge, C (PI) & Campbell, K. Drivers of campus intolerance: The psychology of freedom. *Charles Koch Foundation*. 2018-2019.

- Routledge, C. (PI). The effects of loneliness and nostalgia on cognitive and neurological indicators of self-regulation. *NIH Centers of Biomedical Research Excellence (COBRE) Pilot Project Program, NDSU*. 2017-2019.
- Routledge, C. (PI). The secret religious lives of atheists: Existential-threat motivated supernatural thinking amongst religious and non-religious individuals. *The John Templeton Foundation*. 2014 2017.
- Routledge, C. Proposal to create an online Cultural Psychology Course. *NDSU College of Science and Mathematics DCE Course Proposal Competion*. 2012.
- Routledge, C. (PI). The secret religious lives of atheists: Moving beyond self-report measures of religion to explore magical thinking in response to existential threat. *The Society for the Scientific Study of Religion*. 2012.
- Routledge, C. (PI). Situationally Motivated Self-Construal and Collective Action: Do extreme collective threats motivate prioritization of group goals via heightened interdependent self-construals? *National Science Foundation*. 2010 2011.

### REPRESENTATIVE PRESENTATIONS

- Routledge, C. (2019, October). *The search for meaning in the age of abundance*. Policy forum at the Cato Institute. Washington, D.C.
- Routledge, C. (2019, March). *The wandering spiritual mind: Psychology of religion in a secular world.* Invited talk given at Trinity Western University, Langley, BC, Canada.
- Routledge, C. (2019, March). What existential science can teach us about suicide. Invited talk given at the Heartland Conference at Kansas City, MO.
- Routledge, C. (2019, February). *The religious mind in a secular world*. Keynote address given at the Psychology of Religion and Spirituality preconference at the Society for Personality and Social Psychology Conference at Portland, OR.
- Routledge, C. (2018, February). *The science of supernatural beliefs*. Invited talk given at Loyola University Psychology Week at Chicago, IL.
- Routledge, C. (2017, August). *Beyond religion: Meaning-motivated magical beliefs among the nonreligious*. Talk given at the annual American Psychological Association Conference at Washington D. C.
- Routledge, C. (2016, May). *Meaning can be found in the strangest places*. Symposium chaired at the annual American Psychological Society Conference at Chicago, IL.
- Routledge, C. (2016, May). Beyond religion: Finding meaning in nontraditional magical beliefs. Talk given at the annual American Psychological Society Conference at Chicago, IL.
- Routledge, C. (2016, March). *Is nostalgia about the past or the future?* Invited lecture for Department of Psychology, Texas A&M University, College Station, TX.

- Routlege, C. (2015, November). *The existential lives of believers and atheists*. Invited lecture for Science, Religion, and Lunch Series. North Dakota State University.
- Routledge, C. (2015, July). The rise of nerd religion. Invited public lecture for Nerd Nite, Fargo, ND.
- Routledge, C. (2015, March). *Beyond religion. Toward a new psychology of magical thinking*. Invited public lecture for Letters and Science Distinguished Speakers Series at Montana State University, Bozeman, MT.
- Routledge, C. (2013, December). *The power of the past: How nostalgia improves our psychological and social health.* Public lecture for the North Dakota State University College of Math and Sciences Science Café Series, Fargo ND.
- Routledge, C., Sedikides, C., Wildschut, T., Arndt, J., & Routledge, C. (2013, January). *A nostalgic self is a meaningful self*. Paper presented at the annual Society for Personality and Social Psychology Conference at New Orleans, LA.
- Routledge, C., Vess, M., & Arndt, J. (2012, January). *The creative spark of death: The effects of personal need for structure and mortality salience on divergent thinking*. Symposium conducted at the annual Society for Personality and Social Psychology Conference at San Diego, CA.
- Routledge, C., Arndt, J., Sedikides, C., & Wildschut, T. (2009, October). *The past makes the present meaningful: Nostalgia is an existential resource*. Paper presented at the annual Society for Experimental Social Psychology Conference at Portland, Maine.
- Routledge, C. (2009, September). What motives suicide bombers? Emerging research on the psychology of ideological-driven self-sacrifice. Public lecture for the September 11<sup>th</sup> Commemorative Event at Minnesota State University-Moorhead, MN.
- Routledge, C. (2008, December). *The psychology of terrorism: What motivates suicide bombers?*Public lecture for the North Dakota State University College of Math and Sciences Science Café Series, Fargo ND.
- Routledge, C. (2008, July). *In search of the immortal self: Mortality salience increases efforts to affirm the symbolic self at the expense of physical health and safety.* Paper presented at the annual Symposium on Self and Identity at the University of Southampton, UK.
- Routledge, C., Arndt, J., Sedikides, C., & Wildschut, T. (2008, February). *The self in the rearview mirror: The functional landscape of nostalgia*. Paper presented at the annual Society for Personality and Social Psychology Conference at Albuquerque, New Mexico.
- Routledge, C., Arndt, J., Sedikides, C., & Wildschut, T. (2006, July). *Protecting the integrity of the self with nostalgia*. Paper presented at the European Association of Experimental Social Psychology Small Group Meeting on Social Psychological Perspectives on Integrity and Self-Integrity at University of Sussex, UK.

#### **AWARDS & HONORS**

NDSU Phi Kappa Phi Faculty Lectureship, 2018

NDSU College of Science and Mathematics Paul Juell Award for Excellence in Mentoring, 2018

Waldron Excellence in Research Award, NDSU, 2016

NDSU College of Science and Mathematics Faculty Research Excellence Award, 2012

Fellow, Society of Experimental Social Psychology, 2011

University of Southampton Faculty Achievement Award, 2006

University of Missouri Parents Association Contributions to Undergraduate Education Award, 2004

Donald K. Anderson Graduate Research Assistant Award, Departmental Nominee, 2004

#### ACADEMIC AND PROFESSIONAL SERVICE

### Courses Taught

Introduction to Psychology

Research Methods

The Psychology of Social Conflict

The Self

Personality and Individual Differences

**Experimental Social Psychology** 

Thinking Psychologically

Social Psychological Approaches to Social

Issues

Advanced Social/Health Psychology

Cultural Psychology

### Reviewing and Editorial Service

\*EB signifies currently serving on journal Editorial Board

Self and Identity (EB)

Personality and Social Psychology Bulletin

(EB)

Journal of Personality and Social Psychology Journal of Experimental Social Psychology

Personality and Social Psychology Review

Psychological Science Psychology and Health

European Journal of Social Psychology

Journal of Research in Personality

Sex Roles

Journal of Individual Differences

American Journal of Psychology Journal of Applied Social Psychology

Social Psychology

Political Psychology Media Psychology

Asian Journal of Social Psychology

Psychological Trauma: Theory, Research,

Practice, and Policy

**Experimental Aging Research** 

Social Psychological and Personality Science

Social and Personality Psychology Compass

Basic and Applied Social Psychology British Journal of Social Psychology Journal of Consumer Psychology

Journal of Social Psychology Thinking and Reasoning

Emotion

Journal of Clinical Psychology

## **Grant Reviewing**

**National Science Foundation** 

Israeli Science Foundation

Netherlands Organisation for Scientific Research

Social Sciences and Humanities Research Council of Canada

John Templeton Foundation