

David Skylan Chester
Curriculum Vitae

Contact

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Richmond, VA 23284

Education & Academic Employment

- 2016 - Present Assistant Professor (tenure track)
 Department of Psychology, Virginia Commonwealth University
- 2011 - 2016 PhD & MS in Experimental Psychology
 Department of Psychology, University of Kentucky
- 2010 - 2011 Lab Manager
 Department of Psychology, University of Texas at Austin
- 2008 - 2010 Lab Manager
 Department of Psychology, University of Michigan
- 2004 - 2008 BA in Psychology
 Department of Psychology, Warren Wilson College

Honors

- 2019 Outstanding Faculty Scholarship Award (Psychology), Virginia Commonwealth University
2018 Preregistration Challenge Winner, Center for Open Science (\$1,000)
2017 Rising Star Award, Association for Psychological Science
2016 Young Investigator Award, International Society for Research on Aggression (\$2,500)
2015 Dissertation Research Award, Foundation for Personality & Social Psychology (\$1,000)
 Dissertation Year Fellowship, University of Kentucky (\$20,000)
 Graduate Student Travel Award, Society for Personality and Social Psychology (\$500)
 Douglas Marshall Wilson "Make A Difference" Award, University of Kentucky (\$100)
2014 Samuel J. Gunto Memorial Award for Student Research, University of Kentucky (\$75)
2013 Samuel J. Gunto Memorial Award for Student Research, University of Kentucky (\$75)
2012 Outstanding Research Award. Society for Personality and Social Psychology (\$100)
 Honorable Mention, National Science Foundation Graduate Research Fellowship

Publications (N = 48)

*indicates a mentored graduate or undergraduate student

-----in press-----

DeWall, C. N. & **Chester, D. S.** (in press). Aggression, violence, and revenge. In P. A. M. Van Lange, E. T. Higgins, & A. W. Kruglanski (Eds.), *Social psychology: handbook of basic principles* (3rd ed.). New York, NY: Guilford.

*Lasko, E.N., **Chester, D.S.**, *Martelli, A.M., *West, S.J., & DeWall, C.N. (in press). An investigation of the relationship between psychopathy and greater gray matter density in lateral prefrontal cortex. *Personality Neuroscience*.

Chester, D.S. & Dzierzewski, J.M. (in press). Sour sleep, sweet revenge? Aggressive pleasure as a potential mechanism underlying poor sleep quality's link to aggression. *Emotion*.

Chester, D.S. & *Martelli, A.M. (in press). Why revenge sometimes feels so good. In E. L. Worthington & N. Wade (Eds.), *Handbook of forgiveness* (2nd ed.). New York, NY: Routledge.

-----2019-----

Chester CV

- Chester, D.S.**, Bell, S.B., DeWall, C.N., *West, S.J., Romero-Lopez, M., & Craig, A.W. (2019). Neural correlates of intertemporal choice in aggressive behavior. *Aggressive Behavior*, 45(5), 507-516.
- Chester, D.S.** (2019). Beyond the aggregate score: Using multilevel modeling to examine trajectories of laboratory-measured aggression. *Aggressive Behavior*, 45(5), 498-506.
- Chester, D.S.**, DeWall, C.N., & Enjaian, B. (2019). Sadism and aggressive behavior: Inflicting pain to feel pleasure. *Personality and Social Psychology Bulletin*, 45(8), 1252-1268.
- Hyatt, C.S., **Chester, D.S.**, Zeichner, A., & Miller, J.D. (2019). Analytic flexibility in laboratory aggression paradigms: Relations with personality traits vary (slightly) by operationalization of aggression. *Aggressive Behavior*, 45(4), 377-388.
- Chester, D.S.** & *Lasko, E.N. (2019). Validating a standardized approach to the Taylor Aggression Paradigm. *Social Psychological and Personality Science*, 10(5), 620-631.
- Chester, D.S.** & DeWall, C.N. (2019). Intimate partner violence perpetration corresponds to a dorsal-ventral gradient in medial PFC reactivity to interpersonal provocation. *Social Neuroscience*, 14(2), 173-182.

-----2018-----

- *Martelli, A.M., **Chester, D.S.**, Brown, K.W., Eisenberger, N.I., & DeWall, C.N. (2018). When less is more: Mindfulness predicts adaptive affective responding to rejection via reduced prefrontal recruitment. *Social Cognitive and Affective Neuroscience*, 13(6), 648-655.
- Chester, D.S.**, Lynam, D.R., Milich, R., & DeWall, C.N. (2018). Neural mechanisms of the rejection-aggression link. *Social Cognitive and Affective Neuroscience*, 13(5), 501-512.
- Chester, D.S.** & DeWall, C.N. (2018). Aggression is associated with greater subsequent alcohol consumption: Shared neural basis in the ventral striatum. *Aggressive Behavior*, 44(3), 285-293.
- Chester, D.S.** & DeWall, C.N. (2018). Personality correlates of revenge-seeking: Multidimensional links to physical aggression, impulsivity, and aggressive pleasure. *Aggressive Behavior*, 44(3), 235-245.
- Peters, J.R., **Chester, D.S.**, Walsh, E.C., DeWall, C.N., & Baer, R.A. (2018). The rewarding nature of provocation-focused rumination in women with borderline personality disorder: A preliminary fMRI investigation. *Borderline Personality Disorder and Emotion Dysregulation*, 5(1), 1-12.

-----2017-----

- Chester, D.S.**, Lynam, D.R., Milich, R. & DeWall, C.N. (2017). Physical aggressiveness and gray matter deficits in ventromedial prefrontal cortex. *Cortex*, 97, 17-22.
- Chester, D.S.** & DeWall, C.N. (2017). Adaptations to avoid ostracism. In T. Shackelford & V. Weekes-Shackelford (Eds.), *Encyclopedia of evolutionary psychological science*. New York, NY: Springer.
- Chester, D.S.**, Whitt, Z.T., Davis, T.S., & DeWall, C.N. (2017). The Voodoo Doll Self-Injury Task: A new measure of sub-clinical self-harm tendencies. *Journal of Social and Clinical Psychology*, 36(7), 554-578.
- Chester, D.S.**, Lynam, D.R., Milich, R., & DeWall, C.N. (2017). Social rejection magnifies impulsive behavior among individuals with greater negative urgency: An experimental test of urgency theory. *Journal of Experimental Psychology: General*, 146(7), 962-967.
- Chester, D.S.** (2017). The role of positive affect in aggression. *Current Directions in Psychological Science*, 26(4), 366-370.
- Chester, D.S.** & DeWall, C.N. (2017). The roots of intimate partner violence. *Current Opinion in Psychology*, 19, 55-59.
- Chester, D.S.** & DeWall, C.N. (2017). Combating the sting of rejection with the pleasure of revenge: A new look at how emotion shapes aggression. *Journal of Personality and Social Psychology*, 112(3), 413-430.

-----2016-----

- DeWall, C.N. & **Chester, D.S.** (2016). Taming the impulsive beast: Understanding the link between self-regulation and aggression. In E. Hirt, J. J. Clarkson, & L. Jia (Eds.), *Self-regulation and ego control* (pp. 165-181). Amsterdam, Netherlands: Elsevier.
- Chester, D.S.**, DeWall, C.N., Derefinko, K.J., Estus, S., Lynam, D.R., Peters, J.R., & Jiang, Y. (2016). Looking for reward in all the wrong places: Dopamine receptor polymorphisms correlate with aggression through increased sensation-seeking. *Social Neuroscience*, *11*(5), 487-494.
- Chester, D.S.** & Riva, P. (2016). Brain mechanisms to regulate negative reactions to social exclusion. In P. Riva & J. Eck (Eds.), *Social exclusion: psychological approaches to understanding and reducing its impact* (pp. 251-273). Cham, Switzerland: Springer International Publishing.
- Pearson, C.M., **Chester, D.S.**, Powell, D.K., Wonderlich, S.A., & Smith, G.T. (2016). Investigating the reinforcing value of binge anticipation. *International Journal of Eating Disorders*, *49*(6), 539-541.
- Chester, D.S.**, Lynam, D.R., Milich, R., & DeWall, C.N. (2016). Craving versus control: Negative urgency and neural correlates of alcohol reactivity. *Drug and Alcohol Dependence*, *163*(Supplement 1), S25-S28.
- Chester, D.S.** & DeWall, C.N. (2016). The pleasure of revenge: Retaliatory aggression arises from a neural imbalance toward reward. *Social Cognitive and Affective Neuroscience*, *11*(7), 1173-1182.
- Chester, D.S.**, Lynam, D.R., Powell, D.K., & DeWall, C.N. (2016). Narcissism is associated with weakened frontostriatal connectivity: A DTI study. *Social Cognitive and Affective Neuroscience*, *11*(7), 1036-1040.
- Chester, D.S.**, DeWall, C.N., & Pond, R.S. (2016). The push of social pain: Does rejection's sting motivate subsequent social reconnection? *Cognitive, Affective, and Behavioral Neuroscience*, *16*(3), 541-550.
- Chester, D.S.** & DeWall, C.N. (2016). Sound the alarm: The effect of narcissism on retaliation is moderated by dACC reactivity to rejection. *Journal of Personality*, *84*(3), 361-368.
- DeWall, C.N., Baumeister, R.F., **Chester, D.S.**, & Bushman, B.J. (2016). How often does currently felt emotion predict social behavior and judgment? A meta-analytic test of two competing theories. *Emotion Review*, *8*(2), 136-143.
- Chester, D.S.**, Lynam, D.R., Milich, R., Powell, D.K., Andersen, A.H., & DeWall, C.N. (2016). How do negative emotions impair self-control? A neural model of negative urgency. *NeuroImage*, *132*, 43-50.

-----2015-----

- Chester, D.S.**, *Merwin, L.M., & DeWall, C.N. (2015). Maladaptive perfectionism's link to aggression and self-harm: Emotion regulation as a mechanism. *Aggressive Behavior*, *41*(5), 443-454.
- Chester, D.S.**, Pond, R.S., & DeWall, C.N. (2015). Alexithymia is associated with blunted anterior cingulate response to social rejection: Implications for daily rejection. *Social Cognitive and Affective Neuroscience*, *10*(4), 517-522.
- Riva, P., Romero-Lauro, L.J., DeWall, C.N., **Chester, D.S.**, & Bushman, B.J. (2015). Reducing aggressive responses to social exclusion using transcranial direct current stimulation (tDCS). *Social Cognitive and Affective Neuroscience*, *10*(3), 352-356.
- Chester, D.S.**, DeWall, C.N., Derefinko, K.J., Estus, S., Peters, J.R., Lynam, D.R., & Jiang, Y. (2015). Monoamine oxidase A (MAOA) genotype predicts greater aggression through impulsive reactivity to negative affect. *Behavioural Brain Research*, *283*, 97-101.
- DeWall, C.N., **Chester, D.S.**, & *White, D.S. (2015). Can acetaminophen reduce the pain of decision-making? *Journal of Experimental Social Psychology*, *56*, 117-120.

-----2014-----

- Chester, D.S.** & DeWall, C.N. (2014). Prefrontal recruitment during social rejection predicts greater subsequent self-regulatory imbalance and impairment: Neural and longitudinal evidence. *NeuroImage*, *101*, 485-493.

- Chester, D.S.**, Eisenberger, N.I., Pond, R.S., Richman, S.B., Bushman, B.J., & DeWall, C.N. (2014). The interactive effect of social pain and executive functioning on aggression: An fMRI experiment. *Social Cognitive and Affective Neuroscience*, 9(5), 699-704.
- DeWall, C.N. & **Chester, D.S.** (2014). The neurobiology of aggression: Looking underneath the hood. In M. DeLisi & M.G. Vaughn (Eds.), *Routledge handbook of biosocial criminology* (pp. 251-262). New York, NY: Routledge.
- Pond, R.S., Richman, S.B., **Chester, D.S.**, & DeWall, C.N. (2014). Social pain and the brain: How insights from neuroimaging advance the study of social rejection. In T.D. Papageorgiou, G. Christopolous, & S. Smirnakis (Eds.), *Advanced brain neuroimaging topics in health and disease: methods and applications* (pp. 619-651). New York, NY: InTech.

-----2013-----

- Chester, D.S.**, Powell, C.A.J., Smith, R.H., Joseph, J.E., Kedia, G., Combs, D.J.Y., & DeWall, C.N. (2013). Justice for the average Joe: The role of envy and the mentalizing network in the deservingness of others' misfortunes. *Social Neuroscience*, 8(6), 640-649.
- Beer, J.S., **Chester, D.S.**, & Hughes, B.L. (2013). Social threat and cognitive load magnify self-enhancement and attenuate self-deprecation. *Journal of Experimental Social Psychology*, 49(4), 706-711.
- Chester, D.S.**, & DeWall, C.N. (2013). Psychopathology and susceptibility to violence. In M.S. Eastin (Ed.), *Encyclopedia of media violence* (pp. 296-299). Thousand Oaks, CA: Sage.
- Chester, D.S.**, & DeWall, C.N. (2013). Trait aggression. In M.S. Eastin (Ed.), *Encyclopedia of media violence* (pp. 352-356). Thousand Oaks, CA: Sage.
- Chester, D.S.**, Pond, R.S., & DeWall, C.N. (2013). The evolution of argument: A commentary on Mercier. In P.H. Crowley & T.R. Zentall (Eds.), *Comparative decision making* (pp. 316-318). New York, NY: Oxford University Press.

-----2012-----

- Chester, D.S.**, Pond, R.S., Richman, S.B., & DeWall, C.N. (2012). The optimal calibration hypothesis: How life history modulates the brain's social pain network. *Frontiers in Evolutionary Neuroscience*, 4, 10.

Manuscripts Under Review and Invited Revision

**indicates a mentored graduate or undergraduate student*

- Chester, D.S.**, Clark, M.A., & DeWall, C.N. (under review). The flux, pulse, and spin of aggression-related affect.
- Chester, D.S.**, *West, S.J., *Martelli, A.M., & *Lasko, E.N. (under review). Testing an addiction framework for aggressive behavior: Preliminary evidence from the Aggression Addiction Scale.
- *Lasko, E.N. & **Chester, D.S.** (in revision). What makes a 'successful' psychopath? Longitudinal trajectories of adolescent offenders' antisocial behavior and self-regulation as a function of psychopathy.
- *West, S.J., Hyatt, C.S., Miller, J.D., & **Chester, D.S.** (under review). *p*-curve analysis of the Taylor Aggression Paradigm: Estimating evidentiary value and statistical power across 50 years of research.
- DeWall, C.N. & **Chester, D.S.** (in revision). Aggression, violence, and revenge. In P.A.M. Van Lange, E.T. Higgins, & A.W. Kruglanski (Eds.), *Social psychology: handbook of basic principles* (3rd ed.). New York, NY: Guilford Press.

Current Grants

- 2018 - 2023 K01-AA-026647-02: Mentored Research Scientist Development Award
National Institute on Alcohol Abuse and Alcoholism
Genetic and neural factors in alcohol-influenced aggression
Total costs: \$713,100; 75% effort (AY), 100% effort (Summer)

Chester CV

Role: PI

MAESTRO Funding Scheme

National Science Centre - Poland

Reducing the pain of intergroup rejection: Mindful gratitude as a way of reducing collective narcissists' retaliatory aggression

Total costs: \$959,735; 0% effort

Role: Expert

2019 - 2020 Pilot Imaging Research Grant

Center for Clinical and Translational Research, Virginia Commonwealth University

The neural mechanisms underlying antisocial empathy and psychopathic aggression.

Total costs: \$25,000; 0% effort

Role: PI

Completed Grants

2018 - 2019 Igniting Research Collaboration Project

College of Pharmacy, University of Kentucky

Social exclusion increases opioid craving: an fMRI study

Total costs: \$30,000; 0% effort

Role: Co-I

2014 - 2015 Research Support Grant

R.S. Lipman Research Fund for the Prevention of Drug and Alcohol Abuse

Testing a cyclical model of aggression and alcohol abuse: An fMRI study

Total costs: \$3,100; 0% effort

Role: PI

Grants Under Review and Invited Revision

2020 - 2023 Social Psychology Research Grant (under review)

National Science Foundation

Dynamic affective mechanisms underlying antagonistic traits' link to aggression.

Total costs: \$416,322

Role: Co-PI

Teaching

PSYC 309: Personality Psychology

PSYC 321: Social Psychology

PSYC 630: Social Psychology

Research Mentoring

PSYC 492: Independent Study

PSYC 494: Research Internship in Psychology

PSYC 671: Readings and Research

PSYC 690: Research Practicum

PSYC 898: Doctoral Dissertation

Conference Talks

Chester CV

- Chester, D.S.** & Lasko, E.N. (2018). Assessing the validity of the Taylor Aggression Paradigm in the absence of methodological and quantitative flexibility. *International Society for Research on Aggression | Paris, France.*
- Chester, D.S.**, DeWall, C.N., & Pond, R.S. (2017). Harnessing social pain to reduce retaliation and increase reconnection. *European Association for Social Psychology | Granada, Spain.*
- Chester, D.S.** (2016). Is revenge truly sweet? Psychological and neural evidence for aggression's link with reward. *Society for Southeastern Social Psychologists | Asheville, NC.*
- Chester, D.S.** (2016). The role of positive affect in aggression. *International Society for Research on Aggression | Sydney, Australia.*
- Chester, D.S.** & DeWall, C.N. (2015). Combating the sting of rejection with the sweetness of revenge: A new look at how emotions shape aggressive behavior. *Society for Southeastern Social Psychologists | Winston-Salem, NC.*
- Chester, D.S.** & DeWall, C.N. (2015). Taming the impulsive beast: Understanding the link between self-regulation and aggression. *Self-Regulation and Ego Control Conference | Bloomington, IN.*

Invited Talks

- Chester, D.S.** (2019). [Keynote Address] The reward of revenge: Positive affect's role in aggressive behavior. *Annual Conference on Psychological Science, University of Mississippi.*
- Chester, D.S.**, Enjaian, B., & DeWall, C.N. (2017). Sadism and Aggression: Deriving pleasure from others' pain. *Social Psychology Colloquium, University of North Carolina.*

Current Professional Society Membership

Fellow, International Society for Research on Aggression.
Member, Society for Personality and Social Psychology.

Departmental Service

2018 - Present Faculty Teaching Mentor, Preparing Future Faculty Program
2017 - Present Director, Social Psychology Graduate Program
Member, Graduate Academic Committee

Editorial Board

2019 - Present Consulting Editor, *Assessment*
2018 - Present Consulting Editor, *Journal of Research in Personality*
2017 - Present Consulting Editor, *Emotion*

Ad Hoc Peer Reviewer

<i>Addiction Biology</i>	<i>Human Brain Mapping</i>
<i>Aggressive Behavior</i>	<i>International Journal of Psychology</i>
<i>American Journal of Undergraduate Research</i>	<i>Journal of Affective Disorders</i>
<i>Assessment</i>	<i>Journal of Behavioral Therapy and Experimental Psychiatry</i>
<i>Brain Imaging and Behavior</i>	<i>Journal of Experimental Child Psychology</i>
<i>Brain Sciences</i>	<i>Journal of Experimental Psychology: General</i>
<i>British Journal of Social Psychology</i>	<i>Journal of Personality</i>
<i>Cerebral Cortex</i>	<i>Journal of Personality and Social Psychology</i>
<i>Cognition & Emotion</i>	<i>Journal of Psychopathology and Behavioral Assessment</i>
<i>Cortex</i>	<i>Journal of Research in Personality</i>
<i>Drug and Alcohol Dependence</i>	<i>Journal of Social and Personal Relationships</i>
<i>Emotion</i>	<i>NeuroImage</i>
<i>European Journal of Developmental Psychology</i>	
<i>Evolutionary Behavioral Sciences</i>	

Chester CV

Neuropharmacology
Neuropsychologia
PeerJ
Personality Disorders: Theory, Research, and Treatment
Personality and Social Psychology Bulletin
PLoS One
Psychiatry Research
Psychological Bulletin

Psychological Science
Psychology of Violence
Psychopathology and Behavioral Assessment
Scientific Reports
Social and Personality Psychology Compass
Social Cognitive and Affective Neuroscience
Social Neuroscience
Social Psychological and Personality Science