

# CURRICULUM VITAE

## Zachary E. Witkower

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### Contact

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Zachary Witkower  
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### Education

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Ph.D (2017- 2021)  
Social/Personality Psychology  
Quantitative Methods Minor

University of British Columbia  
*Advisor: Dr. Jessica Tracy*

M.A (2017)  
Social/Personality Psychology

University of British Columbia  
*Advisor: Dr. Jessica Tracy*

B.A. (2015)  
Psychology – Major  
Management – Major  
Music - Minor

Gettysburg College  
*Advisor: Dr. Christopher Barlett*  
*Psychology Department Honors Recipient*  
*Management Department Honors Recipient*

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### Fellowships, Awards, and Research Funding

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#### Fellowships

- University of British Columbia Four-Year Doctoral Fellowship (2017-2021)
- Elwyn Gregg Memorial Fellowship, University of British Columbia (2016)

#### Awards and Honors

- Graduate Student Travel Award, 2018 SPSP Annual Convention, \$500.
- UBC PsychFest Thesis Presentation Competition – 2<sup>nd</sup> place
- Vancouver Big Data Competition, *DataSense & Big Data University* (2015), Finalist
- International Student Tuition Award, University of British Columbia (2015, 2016, 2017, 2018, 2019)
- Gettysburg College Psychology Departmental Honors Recipient (2015)
- Gettysburg College Organizational Management Studies Department Honors Recipient (2015)
- Psi Chi Honor Society Research Competition, Gettysburg College. *Race, Obesity, and Aggression* (2015), 2<sup>nd</sup> Place: \$50.00.
- Sigma Chi Fraternity. *Highest Semester GPA: 4.0; \$100.00* (Fall, 2015)

- Psi Chi Honor Society Research Competition, Gettysburg College. *The Effect of Head Tilt on Physical Aggressive Intent* (2014), 1<sup>st</sup> Place: \$75.00.
- Pi Lambda Sigma Business/Economics Honor Society (2014-present)
- Omicron Delta Kappa National Leadership Honor Society (2014-present)
- Psi Chi National Honor Society in Psychology, *Secretary/Executive Board* (2013-2015)

### **Undergraduate Research Awards**

- Gettysburg College Provost Funding, *Head Tilt: The Influence of Body Language on Aggressive Behavior*. \$500.
- Gettysburg College Department of Psychology Research Fund, *Head Tilt: The Influence of Body Language on Aggressive Behavior*. \$250.00.
- Mellon Undergraduate Research and Creative Activity Fund, Gettysburg College. *Three Nonverbal Behaviors Associated with Intimidation During a Handshake*. \$500.00.
- Mellon Undergraduate Research and Creative Activity Fund, Gettysburg College. *Perceptions of Time as a Function of Context*. \$500.00.
- Mellon Undergraduate Research and Creative Activity Fund, Gettysburg College. *Perceptions of Negligence as a Function of Type of Testimony and Priming*. \$500.00.
- Psychology Department, Gettysburg College. *Perceptions of Negligence as a Function of Type of Testimony and Priming*. \$132.46.

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## **Publications**

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**Witkower, Z.,** Mercadante, E., & Tracy, J. L. (2019). How affect shapes status: Distinct emotional experiences and expressions facilitate social hierarchy navigation. *Current Opinion in Psychology*.

**Witkower, Z.,** Tracy, J. L., Cheng, J. T., & Henrich, J. (2019). Two signals of social rank: Prestige and dominance are associated with distinct nonverbal displays. *Journal of Personality and Social Psychology*.

**Witkower, Z.** & Tracy, J. L. (2019). A facial action imposter: How head tilt influences perceptions of dominance from a neutral face. *Psychological Science*, 30(6), 893-906

**Witkower, Z.** & Tracy, J. L. (2018). Bodily communication of emotion: Evidence for extra-facial behavioral expressions and available coding systems. *Emotion Review*, 11(2), 184–193.

Barlett, C. P., **Witkower, Z.,** Mancini, C., Saleem, M. (2016). Breaking the link between provocation and aggression: The role of mitigating information. *Aggressive Behavior*, 42(6), 555-562.

Barlett, C. P., Chamberlin, K., **Witkower, Z.** (2016). Predicting cyberbullying frequency in emerging adults: A longitudinal analysis. *Aggressive Behavior*, 43(2), 147-154.

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## Manuscripts Under Review and in Preparation

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- Witkower, Z.**, Hill, A., Koster, J., Pun, A., & Baron, A., & Tracy, J. L. (in prep). Evidence for two distinct universally understood nonverbal signals of status in humans.
- Tracy, J. L., **Witkower, Z.**, & Mercadante, E. (invited revision). The evolution of pride and social hierarchy. *Advances in Experimental Social Psychology*.
- Witkower, Z.**, & Tracy, J. L. (under review). How and why head position changes the perception of facial expressions of emotion.
- Martin, J. D., Wood, A., Cox, W. T. L., Sievert, S., Nowak, R., Gilboa-Schechtman, E. G., Zhao, F., **Witkower, Z.**, Langbehn, A. T., & Niedenthal, P. M. (under review). Examining the validity of a social-functional smile typology.
- Lange, J., Cheng, J. C., **Witkower, Z.** & Tracy, J. L. (in prep). Narcissism and rank attainment: The mediating role of pride.
- Witkower, Z.**, Tracy, J. L., & Lange, J. (in prep). Illuminating the schade: Attempting to uncover a distinct expression of schadenfreude.
- Witkower, Z.**, Tracy, J. L., Hill, A., Koster, J. (in prep). Bodily expressions of negative emotion are accurately recognized by diverse cultures. *University of British Columbia*.
- Witkower, Z.**, Mercadante, E., & Tracy, J. L. (in prep). Emotional antecedents and consequences of social rank: bidirectional relationships between distinct facets of pride and distinct forms of social rank.
- Witkower, Z.**, Tracy, J. L., Pun, A., & Baron, A. (in prep). Bodily expressions of negative emotion are accurately recognized by young children. *University of British Columbia*.
- Witkower, Z.**, Tracy, J. L., Hill, A., & Koster, J. (in prep). Is the Action Unit Imposter effect a universal mechanism? The upper face is sufficient to form perceptions of dominance from a downwards head tilt across diverse populations. *University of British Columbia*.
- Laurin, K., Tracy, J. L., Shariff, A. & **Witkower, Z.** (in prep). Hot shit/Piece of shit: The divergent effects of displaying pride on others' status granting. *University of British Columbia*.

**Witkower, Z.,** Bucci, P., Cang, L., Tracy, J. L., & MacLean, K. (in prep). Nonverbal breathing patterns impact interpersonal emotion regulation via touch. *University of British Columbia*.

**Witkower, Z.,** Tracy, J. L., & Mercadante, E. (in prep). Attention Check Questions (ACQs) measure misbehavior and cheating, not attention and data quality. *University of British Columbia*.

**Witkower, Z.,** Benjamin, R., & Heine, S. (in prep). Tylenol and aggressive behavior. *University of British Columbia*.

Rich, S.D., Caver, E., Bodnar, M., Winterburn, P.A., **Witkower, Z.** (in prep). Geochemical Mapping of the Deerhorn Cu-Au Porphyry deposit and associated alteration through transported overburden.

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## Talks and Chaired Symposia

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**Witkower, Z.** (2019, April). *Distinct nonverbal displays of dominance and prestige across diverse populations and among young children*. Invited talk, Biological Anthropology Seminar Series (BASS). University of Washington, Seattle, WA.

**Witkower, Z.,** & Tracy, J. L. (2019, February). *Two signals of rank: Distinct displays of dominance and prestige*. Paper presented in the symposium, "New insights into the nonverbal communication of social rank," (Z. Witkower, Chair), at the Society for Personality and Social Psychology Annual Meeting. Portland, OR.

**Witkower, Z.** (2019, February). Symposium Chair, *New insights into the nonverbal communication of social rank*. Society for Personality and Social Psychology Annual Meeting. Portland, OR.

**Witkower, Z.,** & Tracy, J. L. (2019, February). *It's all in your head: Head position changes the perception of facial expressions of emotion*. Paper presented at the Nonverbal Behavior Preconference at the Society for Personality and Social Psychology Annual Meeting. Portland, OR.

Tracy, J. L., Laurin, K., Shariff, A., & **Witkower, Z.** (2019, February). *Hot sh\*t or piece of sh\*t: The directly opposing impact of pride displays on social judgments and decision-making*. Paper presented in the symposium, "Nonverbal expressions of positive emotion: New advances and social functions," (L. Shiota, Chair), at the Society for Personality and Social Psychology Annual Meeting. Portland, OR.

**Witkower, Z.,** & Tracy, J. L. (2018, March). *The illusion of a facial action unit: How head pitch rotation influences perceptions of dominance from an inactive face*. Paper presented in the symposium, "Inferring psychological traits from faces: Accuracies, errors, and mechanisms," (P. Khambatta, Chair), at the Society for Personality and Social Psychology Annual Convention, Atlanta, Georgia.

- Witkower, Z.,** Tracy, J. L., Cheng, J. T., & Henrich, J. (2018, March). *Two signals of social rank: Prestige and dominance are associated with distinct nonverbal displays*. Paper presented at the Nonverbal Behavior Pre-Conference at the Society for Personality and Social Psychology Annual Convention, Atlanta, Georgia.
- Witkower, Z.,** & Tracy, J. L. (2017, December). *The physiological foundation of facial expressions*. Paper presented at EmotionFest 2.0. Department of Psychology, University of British Columbia, Vancouver, B.C.
- Witkower, Z.,** & Tracy, J. L. (2017, May). *Two signals of social rank: Prestige and dominance are associated with distinct nonverbal displays*. Paper presented at PsychFest Thesis Competition. Department of Psychology, University of British Columbia, Vancouver, BC

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## Poster Presentations

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- Witkower, Z.,** Tracy, J. L., Lang, J. (2018, May). *Illuminating the Shade: Uncovering a Schadenfreude Expression*. Poster presented at the annual meeting of the Association for Psychological Science. San Francisco, California.
- Witkower, Z.** & Tracy, J. L., (2017, January). Two signals of social rank: prestige and dominance associated with distinct nonverbal displays. Poster presented at the Nonverbal Behavior Pre-Conference at the Society for Personality and Social Psychology Annual Convention, San Antonio, TX.
- Witkower, Z.,** Tracy, J. L., Cheng, J. T., & Henrich, J. (2017, January). *Distinct nonverbal displays of dominance and prestige*. Poster presented at the Society for Personality and Social Psychology Annual Convention, San Antonio, TX.
- Witkower, Z.** & Barlett, C.P. (2016, January). *Aggression and the prototypical pride expression*. Poster presented at the Society for Personality and Social Psychology Annual Convention, San Diego, CA.
- Witkower, Z.,** Tracy, J. L., & Cheng, J. T. (2016, January). *Nonverbal expressions of prestige and dominance*. Poster presented at the Nonverbal Behavior Pre-Conference at the Society for Personality and Social Psychology Annual Convention, San Diego, CA.
- Witkower, Z.,** Turner, N., Kelly, A., & Garnick, D. (2015). *Having the upper hand: The role of nonverbal behavior on perceptions of power*. Poster presented at the Association for Psychological Science Annual Convention. New York, NY.
- Witkower, Z.,** Garafola, N., Mancini, C., Barlett, C.P., (2015). *Excuses, excuses: The interaction between excuse and provocation strengths on subsequent aggressive*

- behavior*. Poster presented at the Association for Psychological Science Annual Convention. New York, NY.
- Witkower, Z.,** Palladino, L., & Houston, K., (2015). *Race, obesity, and aggression*. Poster presented at Celebration 2015. Department of Psychology, Gettysburg College. Gettysburg, PA.
- Witkower, Z.,** Trotter, M., Fox, M., & Grom, S., (2015). *The influence of head tilt on aggressive behavior*. Poster presented at Celebration 2015. Department of Psychology, Gettysburg College. Gettysburg, PA.
- Witkower, Z.** & Barlett, C. P. (March, 2015). *A nonverbal investigation of aggressive intent*. Poster presented at the Eastern Psychological Association Annual Meeting. Philadelphia, PA.
- Turner, N., **Witkower, Z.,** Kelly, A., & Garnick, D. (March, 2015). *Three nonverbal behaviors associated with intimidation during a handshake*. Poster presented at the Eastern Psychological Association Annual Meeting. Philadelphia, PA.
- Witkower, Z.** & Barlett, C. P. (2014). *The effect of head tilt on physical aggressive intent*. Poster presented at the International Society for Research on Aggression Conference. Atlanta, GA.
- Witkower, Z.,** Kelly, A., & Turner, N. (2014, May). *Perceptions of time as a function of context*. Poster presented at the Association for Psychological Science Annual Convention. San Francisco, CA.
- Witkower, Z.** & Barlett, C. P. (2014). *The effect of head tilt on physical aggressive intent*. Poster presented at Celebration 2014. Department of Psychology, Gettysburg College. Gettysburg, PA.
- Witkower, Z.,** Kelly, A., & Turner, N. (2014). *Perceptions of time as a function of context*. Poster presented at Celebration 2014. Department of Psychology, Gettysburg College. Gettysburg, PA.
- Witkower, Z.** & Barlett, C. P. (2014). *"Heads up": A correlational analysis between head tilt and aggression*. Poster presented at the Eastern Psychological Association Annual Meeting. Boston, MA.
- Purita, R., **Witkower, Z.,** Turner, N., & Platania, J. (2013). *Perceptions of negligence as a function of type of testimony and priming*. Poster presented at the Association for Psychological Science Annual Convention. Washington D.C.
- Purita, R., **Witkower, Z.,** Turner, N., & Platania, J. (2013). *Perceptions of negligence as a function of type of testimony and priming*. Poster presented at Celebration 2013. Department of Psychology, Gettysburg College. Gettysburg, PA.

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## Technical Research Reports

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**Witkower, Z.** (2015, September). *Understanding the Functional Nature of Authenticity and Pride in Healthcare*. Los Angeles, CA: David Couper Consulting

**Witkower, Z.** (2014, August). *Physician leadership: Demands of leadership training in healthcare*. Los Angeles, CA: David Couper Consulting

**Witkower, Z.** (2014, August). *Literature review: Physician leadership in healthcare*. Los Angeles, CA: David Couper Consulting

**Witkower, Z.** (2014, July). *Leadership in Nursing: An umbrella to be used during an uncertain forecast*. Los Angeles, CA: David Couper Consulting

**Witkower, Z.** (2014, June). *Literature review: Registered Nursing (RN) leadership in healthcare*. Los Angeles, CA: David Couper Consulting

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## Specialized Certifications

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- Facial Action Coding System (FACS).
- Vancouver Institute for Visual Analytics (VIVA) Andrew Wade Visual Analytics Program

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## Academic Work and Service Positions

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### Ad-Hoc Reviewer

- Affective Science
- Emotion
- Evolutionary Psychology
- Journal of Experimental Child Psychology
- Journal of Experimental Social Psychology
- Journal of Nonverbal Behavior
- Journal of Personality and Social Psychology
- Journal of Research in Personality
- Perception
- Social and Personality Psychology Compass

## Teaching Assistant Experience

Fall, 2016 Personality Psychology (UBC)	Dr. Jessica Tracy
Spring, 2016 Personality Psychology (UBC) - Guest Lecture on Evolutionary Psychology.	Dr. Jason Martens
Fall, 2015 Personality Psychology (UBC) Forensic Psychology (UBC)	Dr. Jessica Tracy Dr. Don Dutton
Fall, 2014 Introduction to Psychology (Gettysburg)	Dr. Nina Tarner

## Academic Work and Service Positions

Manager of the Human Subject Pool	University of British Columbia (2017-present)
APS Convention Program Committee (Poster reviewer)	Association for Psychological Science (2017, 2018, 2019)
Social-Personality Area Representative	University of British Columbia (2015, 2016)
First-Year Student Representative	University of British Columbia (2015)
Undergraduate Curricula Representative	University of British Columbia (2015)
Undergraduate Journal of Psychology Graduate Student Assistant	University of British Columbia (2015)
Secretary of Psi Chi Honor Society	Gettysburg College (2014)
Treasurer of Sigma Chi Fraternity	Gettysburg College (2014)
Orientation Leadership Facilitator	Gettysburg College



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## Select Media Coverage and Appearances

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Witkower, Tracy, Cheng, & Henrich (2019, *JPSP*)

**Two signals of social rank: Prestige and dominance are associated with distinct nonverbal displays.**

- Select media coverage: [Medium](#)

Witkower & Tracy (2019, *Psychological Science*)

**A facial action imposter: How head tilt influences perceptions of dominance from a neutral face.**

- Select media coverage: [Forbes](#), [Quartz](#), [The Telegraph](#), [CTV](#), [Business Standard](#), [Association for Psychological Science](#), [Yahoo! News](#), [Science Daily](#)

BrainBuzz Podcast (2018). [Dominance or Prestige: Nonverbal Communication](#)

Global BC Morning News (2017). [Analyzing the body language from the leaders' debate.](#)

Vancouver Magazine (2017). [Perfecting the candidate.](#)