

May 11, 2017

Sara E. Burke

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Education

Postdoctoral Associate, Yale University (current position)

National Science Foundation grant number 1310757; PI: John F. Dovidio

Ph.D. in Social Psychology, Yale University (2016)

Bachelor of Arts With Highest Distinction, University of Michigan, Ann Arbor (2011)

Psychology; English Language and Literature; Statistics

Selected Awards and Grants

William Kessen Teaching Award, Yale Psychology Department, 2015

Presented annually to one graduate student for “spirit, vitality, and commitment to teaching.”

Chaired Society for Personality and Social Psychology (SPSP) Diversity & Climate Committee’s sponsored symposium, 2014

One symposium is selected annually for its relevance to diversity.

Symposium title: “Caught in the Middle: ‘In-Between’ Groups Elicit Distinct Patterns of Attitudes.”

Diversity Fund Graduate Travel Award for the 2014 SPSP meeting in Austin, TX

Fund for Lesbian and Gay Studies at Yale research grant (\$5000), 2012

Proposal title: “Measuring Attitudes Toward Bisexual People.”

Marshall Sahllins Social Science Award, University of Michigan, 2011

Presented annually to one undergraduate student for outstanding research in any social science field.

Peer-Reviewed Publications

Burke, S. E., & LaFrance, M. (in press). Perceptions of instability and choice across sexual orientation groups. *Group Processes & Intergroup Relations*.

<http://doi.org/10.1177/1368430216663019>

Santascy, N., **Burke, S. E.**, & Dovidio, J. F. (in press). Avoidant attachment style predicts less positive evaluations of warm (but not cold) social groups. *Group Processes & Intergroup Relations*.

<http://doi.org/10.1177/1368430216663016>

Burke, S. E., Dovidio, J. F., LaFrance, M., Przedworski, J. M., Perry, S. P., Phelan, S. M., Burgess, D. J., Hardeman, R. R., Yeazel, M. W., & van Ryn, M. (2017). Beyond generalized sexual prejudice: Need for closure predicts negative attitudes toward bisexual people relative to gay/lesbian people. *Journal of Experimental Social Psychology*, 71, 145-150.

<http://doi.org/10.1016/j.jesp.2017.02.003>

Burke, S. E., Dovidio, J. F., Perry, S. P., Burgess, D. J., Hardeman, R. R., Phelan, S. M., Cunningham, B. A., Yeazel, M. W., Przedworski, J. M., & van Ryn, M. (2017). Informal training experiences and explicit bias against African Americans among medical students. *Social Psychology Quarterly*, 80(1), 65–84. <http://doi.org/10.1177/0190272516668166>

- Meadows, A., Higgs, S., **Burke, S. E.**, Dovidio, J. F., van Ryn, M., & Phelan, S. M. (2017). Social dominance orientation, dispositional empathy, and need for cognitive closure moderate the impact of empathy-skills training, but not patient contact, on medical students' negative attitudes toward higher-weight patients. *Frontiers in Psychology, 8*(504), 1-15. <http://doi.org/10.3389/fpsyg.2017.00504>
- Burgess, D. J., **Burke, S. E.**, Cunningham, B. A., Dovidio, J. F., Hardeman, R. R., Hou, Y., Nelson, D. B., Perry, S. P., Phelan, S. M., Yeazel, M. W., & van Ryn, M. (2016). Medical students' learning orientation regarding interracial interactions affects preparedness to care for minority patients: A report from Medical Student CHANGES. *BMC Medical Education, 16*(254), 1-7. <https://doi.org/10.1186/s12909-016-0769-z>
- Burke, S. E.**, & LaFrance, M. (2016). Lay conceptions of sexual minority groups. *Archives of Sexual Behavior, 45*(3), 635-650. <http://doi.org/10.1007/s10508-015-0655-5>
- Burke, S. E.**, & LaFrance, M. (2016). Stereotypes of bisexual people: What do bisexual people themselves think? *Psychology of Sexual Orientation and Gender Diversity, 3*(2), 247-254. <http://doi.org/10.1037/sgd0000168>
- Calabrese, S. K., **Burke, S. E.**, Dovidio, J. F., Levina, O. S., Uusküla, A., Nicolai, L. M., & Heimer, R. (2016). Internalized HIV and drug stigmas: Interacting forces threatening health status and health service utilization among people with HIV who inject drugs in St. Petersburg, Russia. *AIDS and Behavior, 20*(1), 85-97. <http://doi.org/10.1007/s10461-015-1100-4>
- Hardeman, R. R., Przedworski, J. M., **Burke, S. E.**, Burgess, D. J., Perry, S., Phelan, S., Dovidio, J. F., & van Ryn, M. (2016). Association between perceived medical school diversity climate and change in depressive symptoms among medical students: A report from the Medical Student CHANGE Study. *Journal of the National Medical Association, 108*(4), 225-235. <http://doi.org/10.1016/j.jnma.2016.08.005>
- Perry, S. P., Hardeman R. R., **Burke, S. E.**, Cunningham, B., Burgess, D. J., & van Ryn, M. (2016). The impact of everyday discrimination and racial identity centrality on African American medical student well-being: A report from the Medical Student CHANGE Study. *Journal of Racial and Ethnic Health Disparities, 3*(3), 519-526. <http://doi.org/10.1007/s40615-015-0170-3>
- Burke, S. E.**, Dovidio, J. F., Przedworski, J. M., Hardeman, R. R., Perry, S. P., Phelan, S. M., Nelson, D. B., Burgess, D. J., Yeazel, M. W., & van Ryn, M. (2015). Do contact and empathy mitigate bias against gay and lesbian people among heterosexual first-year medical students? A report from the Medical Student CHANGE Study. *Academic Medicine, 90*(5), 645-651. <http://doi.org/10.1097/ACM.0000000000000661>
- Burke, S. E.**, Calabrese, S. K., Dovidio, J. F., Levina, O. S., Uusküla, A., Nicolai, L. M., Abel-Ollo, K., & Heimer, R. (2015). A tale of two cities: Stigma and health outcomes among people with HIV who inject drugs in St. Petersburg, Russia and Kohtla-Järve, Estonia. *Social Science & Medicine, 130*, 154-161. <http://doi.org/10.1016/j.socscimed.2015.02.018>
- Hardeman, R. R., Przedworski, J. M., **Burke, S. E.**, Burgess, D. J., Phelan, S. M., Dovidio, J. F., Nelson, D., Rockwood, T., & van Ryn, M. (2015). Mental well-being in first year medical students: A comparison by race and gender: A report from the Medical Student CHANGE Study. *Journal of Racial and Ethnic Health Disparities, 2*(3), 403-413. <http://doi.org/10.1007/s40615-015-0087-x>
- Phelan, S. M., Burgess, D. J., **Burke, S. E.**, Przedworski, J. M., Dovidio, J. F., Hardeman, R., Morris, M., & van Ryn, M. (2015). Beliefs about the causes of obesity in a national sample of 4th year medical students. *Patient Education and Counseling, 98*(11), 1446-1449. <http://doi.org/10.1016/j.pec.2015.06.017>

- Phelan, S. M., Burgess, D. J., Puhl, R., Dyrbye, L. N., Dovidio, J. F., Yeazel, M., Ridgeway, J. L., Nelson, D., Perry, S., Przedworski, J. M., **Burke, S. E.**, Hardeman, R. R., & van Ryn, M. (2015). The adverse effect of weight stigma on the well-being of medical students with overweight or obesity: Findings from a national survey. *Journal of General Internal Medicine, 30*(9), 1251–1258. <http://doi.org/10.1007/s11606-015-3266-x>
- Phelan, S. M., Puhl, R. M., **Burke, S. E.**, Hardeman, R., Dovidio, J. F., Nelson, D. B., Przedworski, J., Burgess, D. J., Perry, S., Yeazel, M. W., & van Ryn, M. (2015). The mixed impact of medical school on medical students' implicit and explicit weight bias. *Medical Education, 49*(10), 983–992. <http://doi.org/10.1111/medu.12770>
- Przedworski, J. M., Dovidio, J. F., Hardeman, R. R., Phelan, S. M., **Burke, S. E.**, Ruben, M. A., Perry, S. P., Burgess, D. J., Nelson, D. B., Yeazel, M. W., Knudsen, J. M., & van Ryn, M. (2015). A comparison of the mental health and well-being of sexual minority and heterosexual first-year medical students: A report from the Medical Student CHANGE Study. *Academic Medicine, 90*(5), 652–659. <http://doi.org/10.1097/ACM.0000000000000658>
- van Ryn, M., Hardeman, R., Phelan, S. M., Burgess, D. J., Dovidio, J. F., Herrin, J., **Burke, S. E.**, Nelson, D. B., Perry, S., Yeazel, M., & Przedworski, J. M. (2015). Medical school experiences associated with change in implicit racial bias among 3547 students: A Medical Student CHANGES Study report. *Journal of General Internal Medicine, 30*(12), 1748–1756. <http://doi.org/10.1007/s11606-015-3447-7>
- Burke, S. E.**, Wang, K., & Dovidio, J. F. (2014). Witnessing disclosure of depression: Gender and attachment avoidance moderate interpersonal evaluations. *Journal of Social and Clinical Psychology, 33*(6), 536–559. <http://doi.org/10.1521/jscp.2014.33.6.536>
- van Ryn, M., Hardeman, R. R., Phelan, S. M., **Burke, S. E.**, Przedworski, J., Allen, M. L., Burgess, D. J., Ridgeway, J., White, R. O., & Dovidio, J. F. (2014). Psychosocial predictors of attitudes toward physician empathy in clinical encounters among 4732 1st year medical students: A report from the CHANGES study. *Patient Education and Counseling, 96*, 367–375. <http://doi.org/10.1016/j.pec.2014.06.009>

Invited Commentaries

- Burke, S. E.**, & Dovidio, J. F. (in press). Sexual prejudice (personality correlates of). In T. K. Shackelford & V. A. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*. Springer. http://doi.org/10.1007/978-3-319-16999-6_3380-1
- Burke, S. E.**, Dovidio, J. F., Przedworski, J. M., & van Ryn, M. (2016). In reply to Williams [Letter to the editor]. *Academic Medicine, 91*(2), 163–164. <http://doi.org/10.1097/ACM.0000000000001050>

Submitted Manuscripts

- Burke, S. E.**, & LaFrance, M. (under review). Bias against transsexual people and bias against people with nonbinary gender identities.
- Burke, S. E.**, Perry, S. P., Dovidio, J. F., & LaFrance, M. (under review). The excluded middle: Shared patterns in attitudes toward biracial people, bisexual people, and novel intermediate social groups.
- Burgess, D. J., **Burke, S. E.**, Cunningham, B. A., Dovidio, J. F., Hardeman, R. R., Nelson, D. B., Perry, S. P., Phelan, S. M., Yeazel, M. W., & van Ryn, M. (under review). First year medical students' political ideology as a predictor of fourth-year attitudes related to the care of disadvantaged patients.

Callender, K. A., Dovidio, J. F., & **Burke, S. E.** (under review). Motivation to determine the sexual identity of potentially gay men: Are those who feel threatened more interested in knowing?

Phelan, S. M., **Burke, S. E.**, Hardeman, R. R., White, R. O., Przedworski, J. M., Dovidio, J. F., Perry, S. P., Plankey, M., Finstad, D., Cunningham, B., Yeazel, M., & van Ryn, M. (under review). Medical school factors associated with changes in implicit and explicit bias against gay and lesbian people among 3,492 graduating medical students.

Phelan, S. M., Perry, S. P., Dovidio, J. F., Burgess, D. J., **Burke, S. E.**, Hardeman, R. R., & van Ryn, M. (under review). Obesity stigma and stigma-by-association: Temporal effects on evaluation of job candidates of all body sizes.

Wittlin, N. M., Dovidio, J. F., LaFrance, M., & **Burke, S. E.** (under review). About face: Memory for transgender versus cisgender targets' facial appearance.

Symposium Presentations

* Denotes speaker

*Yeazel, M. W., **Burke, S. E.**, & Hardeman, R. R. (May 2017). *Who are the fourth-year medical students who want to enter academic medicine?* Paper presented at the Society of Teachers of Family Medicine Annual Spring Conference, San Diego, CA.

***Burke, S. E.**, *Wittlin, N. M., & LaFrance, M. (January 2017). *Gender miscategorization and prejudice against trans people.* Paper presented at the meeting of the Society for Personality and Social Psychology, San Antonio, TX.

*Dovidio, J. F., ***Burke, S. E.**, Phelan, S., & van Ryn, M. (January 2017). *Factors influencing changes in implicit and explicit attitudes toward Black and gay/lesbian people in medical school: A longitudinal study.* Paper presented at the meeting of the Society for Personality and Social Psychology, San Antonio, TX.

*Dovidio, J. F., & ***Burke, S. E.** (January 2017). *Multi-level analysis of racial bias in healthcare providers: An interdisciplinary team approach.* Paper presented at the meeting of the Society for Personality and Social Psychology, Social Psychology in the 21st Century Preconference, San Antonio, TX.

***Burke, S. E.**, & LaFrance, M. (February 2014). *Pick a side: Bisexual targets illuminate individual differences in attitudes toward sexual minorities.* Paper presented at the meeting of the Society for Personality and Social Psychology, Austin, TX.

*LaFrance, M., & **Burke, S. E.** (September 2013). *Attitudes about and by sexual minority and straight participants.* Paper presented at the meeting of the Society of Experimental Social Psychology, Berkeley, CA.

Poster Presentations

Santascy, N., **Burke, S. E.**, & Dovidio, J. F. (January 2017). *Perpetrator blame scale: Hostile attribution for bias creates a bias to perceive bias.* Poster presented at the meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Santascy, N., **Burke, S. E.**, & Dovidio, J. F. (March 2016). *Bias blame scale: Attributing bias to hostility and provocation predicts unique biases.* Poster presented at the meeting of the Eastern Psychological Association, New York, NY.

Burke, S. E., & LaFrance, M. (January 2016). *Heterosexual, bisexual, and gay/lesbian perceptions of sexual orientations.* Poster presented at the meeting of the Society for Personality and Social Psychology, San Diego, CA.

- Santascoy, N., **Burke, S. E.**, & Dovidio, J. F. (January 2016). *Justified and unjustified hostility attributions for negative treatment of minorities predict perception of bias in positive and negative treatment of Black people*. Poster presented at the meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Burke, S. E.**, Perry, S. P., & Dovidio, J. F. (February 2015). *Intermediate novel social groups are perceived as less entitative, distinctive, and well-liked than discrete endpoint groups*. Poster presented at the meeting of the Society for Personality and Social Psychology, Long Beach, CA.
- Santascoy, N., **Burke, S. E.**, & Dovidio, J. F. (February 2015). *Backfire: Protestant work ethic and the negative effects of focusing on the suffering of poor children*. Poster presented at the meeting of the Society for Personality and Social Psychology, Long Beach, CA.
- Callender, K. A., Dovidio, J. F., & **Burke, S. E.** (May 2014). *The motivation to determine whether a stranger is gay varies by religiosity*. Poster presented at the meeting of the Association for Psychological Science, San Francisco, CA.
- Santascoy, N., **Burke, S. E.**, & Dovidio, J. F. (February 2014). *Attachment avoidance predicts less positive evaluations of warm (but not cold) social groups*. Poster presented at the meeting of the Society for Personality and Social Psychology, Austin, TX.
- Vial, A. C., **Burke, S. E.**, & LaFrance, M. (March 2013). *Sociosexual orientation and attitudes toward sexual minorities*. Poster presented at the meeting of the Eastern Psychological Association, New York, NY.
- Boswell, R. G., **Burke, S. E.**, White, M. A., & Brownell, K. D. (January 2013). *The role of sex and weight bias internalization in eating pathology*. Poster presented at the meeting of the Society for Personality and Social Psychology, Attitudes Preconference, New Orleans, LA.
- Burke, S. E.**, & LaFrance, M. (January 2013). *“Just a phase”: Bisexuality is perceived as less stable and more controllable than other sexual orientations*. Poster presented at the meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Burke, S. E.** (January 2012). *Demographic variations in weight prejudice: Age, education, and body size*. Poster presented at the meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Burke, S. E.**, & Conley, T. D. (May 2011). *Stigmatized sources and stigmatized content: Liberals and conservatives react differently to fat authors*. Poster presented at the meeting of the Association for Psychological Science, Washington, DC.
- Burke, S.**, Ziegler, A., Moors, A. C., Chopik, W. J., & Conley, T. D. (January 2011). *“Would you go to bed with me tonight?": Comparing theories and examining predictors of engaging in casual sex amongst bisexual women*. Poster presented at the meeting of the Society for Personality and Social Psychology, San Antonio, TX.
- Burke, S.**, & Ramsey, L. (April 2010). *Fatigue effects on explicit and implicit associations*. Poster presented at the meeting of the Midwestern Psychological Association, Chicago, IL.

Teaching Experience

Courses

Teaching Fellow, Psychology 200, Spring 2015 (Yale University)

Course Title: *Statistics in Psychological Science*; Instructor: Jaime Napier

Duties: Weekly lab sessions, grading, office hours, answering student questions interactively online

Head Teaching Fellow, Psychology 110, Fall 2014 (Yale University)

Course Title: *Introduction to Psychology*; Instructor: Marvin Chun

Duties: Grading, office hours, answering student questions, writing exam questions

Head Teaching Fellow, Psychology 200, Spring 2014 (Yale University)

Course Title: *Statistics in Psychological Science*; Instructor: Gregory Samanez-Larkin

Duties: Answering questions from other teaching fellows, weekly lab sessions, grading, office hours, answering student questions interactively online

Teaching Fellow, Psychology 518, Fall 2013 (Yale University)

Course Title: *Multivariate Statistics* (graduate level course); Instructor: Jack Dovidio

Duties: Feedback on writing, office hours, review sessions, grading, writing exam questions

Lectures: computing & interpreting correlations, introduction to linear regression, interpreting regression interactions

Teaching Fellow, Psychology 123b, Spring 2013 (Yale University)

Course Title: *Psychology, Biology, and Politics of Food*; Instructor: Kelly Brownell

Duties: Grading, answering questions, review sessions, writing exam questions

Lecture: antecedents and consequences of weight bias

Teaching Fellow, Psychology 518, Fall 2012 (Yale University)

Course Title: *Multivariate Statistics* (graduate level course); Instructor: Jack Dovidio

Duties: Feedback on writing, office hours, review sessions, grading

Lecture: interpreting regression interactions

Instructor, Honors 135 Section 5, Fall 2010 (University of Michigan)

Course Title: *Politically Incorrect: Evaluating Modern Political Satire*

Designed curriculum and taught class to fellow undergraduates (pass/fail only)

Workshops

R Workshops, Fall 2013, Spring 2014, Spring 2015, Fall 2015, Spring 2016 (Yale StatLab)

Introduction to the R statistical computing environment for a general academic audience
(see materials at saraemilyburke.com/stats/rworkshopsummary.pdf).

SPSS Workshops, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016 (Yale StatLab)

Introduction to SPSS for a general academic audience.

Graduate Writing Lab Panel, Fall 2016 (Yale Graduate School)

Writing a dissertation prospectus in social science.

Introduction to Statistics Workshop, Fall 2015 (Yale StatLab)

Introduction to basic statistical concepts for biology students.

Visual Basic for Applications Workshop, Fall 2015 (Yale StatLab)

Introduction to using VBA with Microsoft Excel for a general academic audience.

Teaching at Yale Day Panel, Fall 2015 (Yale Graduate School)

Strategies for teaching social science.

Qualtrics Workshops, Fall 2013, Fall 2014, Spring 2015 (Yale StatLab)

Introduction to survey design using Qualtrics for a general academic audience.

Survey Design Workshop, Spring 2014 (Yale StatLab)

Overview of survey design best practices for a general academic audience.

R for Psychologists Workshop Series, Fall 2012 and Fall 2013 (Yale Psychology Department)

Introductory and advanced workshops on the use of R for psychological data analysis.

Invited Course Lectures

Guest lecture, Psychology 342, December 2016 (Yale University)

Course Title: Psychology of Gender; Instructor: Marianne LaFrance

Lecture topic: Lay conceptions of bisexuality

Guest lecture, Law 20647, October 2013 (Yale Law School)

Course Title: Social Science Research Methods; Instructor: Tom Tyler

Lecture topic: Online survey design and recruitment

Guest lectures, Psychology 414, September 2013 and September 2014 (Yale University)

Course Title: Psychology of Gender Images; Instructor: Marianne LaFrance

Lecture topic: Representations of homosexuality and bisexuality in mainstream media

Guest lecture, Psychology 342, March 2012 (Yale University)

Course Title: Psychology of Gender; Instructor: Marianne LaFrance

Lecture topic: Prejudice against transgender people

Guest lectures, Sociology 2560, April 2010, December 2010, and April 2011 (Oakland Community College)

Course Title: Sociology of Sex Roles; Instructor: Kathleen Gerus-Darbison

Lecture topic: Prejudice against transgender people

Guest lectures, Women and Gender Studies 382, June 2010 and June 2011 (Oakland University)

Course Title: Sexual Orientation, Gender Identity, and Education; Instructor: Timothy G. Larrabee

Lecture topic: Prejudice against transgender people

Other Teaching Experience

Statistical Consultant at the Yale StatLab, 2013–2016

Job Description: Providing one-on-one help with statistical computing, analysis, and study design for Yale faculty, staff, medical residents, postdocs, graduate students, and undergraduate students.

Mentoring of undergraduate students doing senior thesis projects, 2012

Nicolas Finger: “Comparison of attitudes and beliefs about bisexuals, homosexuals, and heterosexuals: Perceived disease vulnerability predicts negative attitudes.”

Caroline Wentworth: “Embodied cognition and gendered thinking.”

Devorah Bogart: “The influence of crying or quiet infants on judgments of poor or affluent mothers.”

Sean Beckett: “Power postures and perceptions of men and women.”

Additional Recognition

Samuel K. Bushnell Fellow at Yale Graduate School, 2015–2016

James Crosby Chapman Fellow at Yale Graduate School, 2014–2015

Honorable Mention, Janet Hyde Graduate Student Research Grant (Society for the Psychology of Women), “Bias Against Transsexual People,” 2014

Theodore F. Myers and Margaret G. Myers Fellow at Yale Graduate School, 2012–2013

W. B. Pillsbury Prize for undergraduate research in experimental psychology, 2011

“Highest honors” designation for undergraduate thesis, 2011

Eight-term James B. Angell Scholar at University of Michigan, 2011

Diversity Undergraduate Registration Award for the 2011 SPSP meeting in San Antonio, TX

Center for the Education of Women: Riecker Undergraduate Research Fund grant for work with Terri Conley, 2010

Professional Activities

Ad hoc reviewer for:

*Journal of Experimental Social Psychology; Social Cognition;
Social Psychological and Personality Science; Journal of Vocational Behavior;
Basic and Applied Social Psychology; Teaching and Learning in Medicine;
Archives of Sexual Behavior; Sexuality Research and Social Policy;
Drug and Alcohol Review; BMC Public Health*

Consulting

Statistical Consultant at Eli Data Consulting, 2014–2015

Focus: Data collection and statistical analysis.

Clients included businesses, lawyers, scientists, and students. See www.elidataconsulting.com.

National Center for Institutional Diversity (NCID) employee, Summer 2010

Focus: Evaluating programs designed to increase minority representation in research opportunities.

Inter-university Consortium for Political and Social Research (ICPSR) Summer Internship, 2009

Focus: Archival data and data processing.