

PRATEEKSHIT PANDEY

Annenberg School for Communication, University of Pennsylvania

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EDUCATION

Ph.D., Communication

Aug 2016 - May 2022 (expected)

Annenberg School for Communication, University of Pennsylvania

Dissertation: *Disentangling the reciprocal causal relationship between political efficacy and news sharing behavior*

Committee: Prof. Emily Falk (chair), Prof. Joseph N. Cappella, Prof. Michael Delli-Carpini, Prof. Dannagal Young

Master of Arts, Communication

Aug 2016 - May 2018

Annenberg School for Communication, University of Pennsylvania

Bachelor of Technology, Computer Science & Engineering

Aug 2012 - Aug 2016

IIIT-Delhi, India

Cumulative GPA: 9.54/10

Best Undergraduate Research Thesis Award (top in department)

Thesis: *Face Recognition with Obfuscation*

Advisors: Prof. Richa Singh, Prof. Mayak Vatsa

PUBLICATIONS

Cosme, D., Scholz, C., Chan H., Dore B. P., **Pandey P.**, Tartak J. C., Cooper N., Burns S., Paul A., Falk E. B. (2021, August 26). Message self and social relevance increases intentions to share content: Correlational and causal evidence from six studies. *PsyArXiv*. <https://doi.org/10.31234/osf.io/9cxfj> *Currently under review at *Psychological Science*

Jovanova, M., Falk, E. B., Parelman J., **Pandey P.**, O'Donnell, M. B., Kang, Y., Bassett, D. S., & Lydon-Staley, D. M. (2021, March 26). Brain System Integration and Message Consistent Health Behavior Change. *PsyArXiv*. doi:10.31234/osf.io/ukbta. *Currently under review at *Health Psychology*

Kang, Y., Cosme, D., Pei, R., **Pandey, P.**, Carreras-Tartak, J., & Falk, E. B. (2021). Purpose in life, loneliness, and protective health behaviors during the COVID-19 pandemic. *The Gerontologist*.

Pandey, P., Kang, Y., Cooper, N., O'Donnell, M. B., & Falk, E. B. (2021). Social networks and neural receptivity to persuasive health messages. *Health Psychology*, 40(4), 285.

Coronel, J. C., O'Donnell, M. B., **Pandey P.**, Delli Carpini, M. X., & Falk E. B. (2021). Political Humor, Sharing, and Remembering: Insights from Neuroimaging, *Journal of Communication*, 71(1), 129-161.

Pandey, P. (2020). Caty Borum Chattoo and Lauren Feldman, A Comedian and an Activist Walk into a Bar: The Serious Role of Comedy in Social Justice. *International Journal of Communication*, 14, 3.

Kang, Y., Cooper, N., **Pandey, P.**, Scholz, C., O'Donnell, M. B., Lieberman, M. D., Taylor, S. E., Strecher, V. J., Cin, S. D., Konrath, S., Polk, T. A., Resnicow, K., An, L., & Falk, E. B. (2018). Effects of self-transcendence on neural responses to persuasive messages and health behavior change. *Proceedings of the National Academy of Sciences*.

Yadav D., Kohli N., Nagpal S., Singh M., **Pandey P.**, Vatsa M., Singh R., & Noore A. (2017). Region-specific fMRI Dictionary for Decoding Face Verification in Humans, *In Proceedings of International Joint Conference on Neural Networks*, 115(40), 9974-9979.

Pandey P., Singh R., & Vatsa M. (2016). Face Recognition using Scattering Wavelet under Illicit Drug Abuse Variations, *In Proceedings of International Conference on Biometrics (ICB)*. (pp. 1-6). IEEE.

Yadav D., Kohli N., **Pandey P.**, Singh R., Vatsa M., & Noore A. (2016). Effect of Illicit Drug Abuse on Face Recognition, *In Proceedings of Winter Conference on Applications of Computer Vision (WACV)*. (pp. 1-7). IEEE. ***Received Best Paper Award** when presented at WACV 2016.

Sankaran A., **Pandey P.**, Vatsa M., & Singh R. (2014). On Latent Fingerprint Minutiae Extraction using Stacked Denoising Sparse AutoEncoders, *In Proceedings of International Joint Conference on Biometrics*. (pp. 1-7). IEEE. ***Received Best Poster Award** when presented at IJCB 2014.

CONFERENCE AND SYMPOSIA PRESENTATIONS

- Pandey, P.**, Falk, E. F., Garcia, J. O., Lauharatanahirun, N. (2021). Neural synchrony during social communication: a comparison of functional brain network metrics. *Presented at Networks 2021, July 2021.*
- Pandey, P.**, Falk, E. F., Garcia, J. O., Lauharatanahirun, N. (2021). Neural synchrony during social coordination: a comparison of functional connectivity measures. *Presented at the International Communication Association Annual Conference, May 2021.*
- Pandey, P.**, Coronel, J., O'Donnell, Delli Carpini, M. X., Falk, E. B. (2019). Neural correlates of political efficacy: Brain activity in response to civic information associated with political efficacy. *Presented at the Social and Affective Neuroscience Society Annual Conference, Miami Beach, Florida, May 2019.*
- Pandey, P.**, Coronel, J., O'Donnell, Delli Carpini, M. X., Falk, E. B. (2019). Neural correlates of political efficacy: Brain activity in response to civic information associated with political efficacy. *Presented at the Social and Affective Neuroscience Society Annual Conference, Miami Beach, Florida, May 2019.*
- Pandey, P.**, Coronel, J., O'Donnell, Delli Carpini, M. X., Falk, E. B. (2019). Neural correlates of political efficacy: Brain activity in response to civic information associated with political efficacy. *Presented at the International Communication Association Annual Conference, Washington D.C., May 2019.*
- Pandey, P.**, Vettel, J. M., Cohen, A. Paul, J. A., Falk, E. B., Garcia, J. O. The precision and stability of imagination: Reconstructing colors from oscillatory neural activity. *Presented at Neuroscience 2018, Annual Meeting of Society for Neuroscience, San Diego, Nov 2018.*
- Pandey, P.** & Revati Prasad. The Great Bollywood Roast: Exploring Representations of Sexuality Before and After AIB Knockout. *Presented at Representations in Bollywood Symposium at Birmingham City University, UK, May 2018.*
- Pandey, P.**, Kang, Y., Cooper, N., Scholz, C., O'Donnell, M. B., Falk, E. B. Social Influences on Health Behavior: Physical Activity across Social Network Influences Neural Responses to Health Messages and Behavior Change. *Presented at the International Communication Association Annual Conference, Prague, Czech Republic, May 2018.*
- Pandey, P.**, Kang, Y., Cooper, N., Scholz, C., O'Donnell, M. B., Falk, E. B. Social Influences on Health Message Reception: Physical Activity Across Individuals' Social Networks Is Associated With Neural Receptivity to Health Messages. *Presented at the Social and Affective Neuroscience Society Annual Conference, Brooklyn, New York, May 2018. *SANS poster award.*
- Kang, Y., **Pandey, P.**, Cooper, N., Scholz, C., O'Donnell, M. B., Elliott, A. M., Pegors, T. K., Lieberman, M. D., Taylor, S. E., Strecher, V. J., Dal Cin, S., Konrath, S., Polk, T., Resnicow, K., An, L., Falk, E. B. Increasing Receptivity to Health Communications: Effects of Self-Transcendence and Affirmation Priming on Neural Responses to Health Messages and Behavior Change. *Presented at the International Communication Association Annual Conference, San Diego, California, May 2017. *Top 5 paper award.*

TECHNICAL SKILLS

Coding	Python (numpy, scipy, scikit-learn, pandas, matplotlib, networkx, igraph, nilearn, nipy), Matlab (SPM, EEGLAB, psychtoolbox, deep learning toolbox), R, SQL, Javascript
Analysis	Statistics (structural equation modeling, hierarchical modeling, panel data analysis), Machine Learning (autoencoders, neural networks, deep convolutional neural networks), Survey Design (Qualtrics, Amazon MTurk), Experimental Design (social science, neuroimaging research)

HONORS AND AWARDS

Dissertation Research Fellowship at Annenberg School for Communication, UPenn	<i>Jan 2021</i>
GAPSA Student Travel Award to attend SANS 2019	<i>May 2019</i>
SANS Poster Award at SANS Conference, Brooklyn NY	<i>May 2018</i>
Top 5 Paper Award at ICA Conference, San Diego CA	<i>Jun 2017</i>
Best Teaching Assistant Award (for my role as TA for Image Analysis course)	<i>Aug 2016</i>
Best Paper Award at IEEE WACV, Lake Placid	<i>Mar 2016</i>
Selected for Indian Academy of Science Summer Fellowship	<i>Apr 2015</i>
Best Poster Award at IEEE International Joint Conference on Biometrics (IJCB), Florida	<i>Oct 2014</i>
INSPIRE Scholarship by DST, New Delhi (top 1% students in CBSE)	<i>Jul 2012</i>

PROFESSIONAL EXPERIENCE AND SERVICE

Digital Media Coordinator <i>Communication Science & Biology Interest Group</i>	International Communication Association 2020 - 2022
Member, Professional Development Committee <i>Annenberg School for Communication</i>	University of Pennsylvania 2019- 2021
Graduate Associate <i>Riepe College House</i>	University of Pennsylvania 2017 - 2020
Graduate Student Intern in Data Science	Vivar Inc., 2019
Member, RAGA Training Committee <i>College Housing and Academic Services</i>	University of Pennsylvania 2019
Member, Graduate Student Symposium Committee <i>Annenberg School for Communication</i>	University of Pennsylvania 2018
Member, Graduate Student Council <i>Annenberg School for Communication</i>	University of Pennsylvania 2017- 2018

WORKSHOPS ATTENDED

MIND: Methods In Neuroscience at Dartmouth <i>Advanced methods in brain-imaging analysis, with focus on naturalistic stimuli and developing open science work ethic. Held at Dartmouth College.</i>	Aug 2018
EEGLAB Workshop <i>Basic to advanced analysis of EEG data using EEGLAB toolbox in MATLAB. Held at University of California, San Diego.</i>	Nov 2018

TEACHING EXPERIENCE

Graduate Teaching Assistant <i>COMM282 Sick and Satired – The Insanity of Humor and How It Keeps Us Sane</i>	University of Pennsylvania Fall Semester 2017
Undergraduate Teaching Assistant <i>MTH201 Probability and Statistics</i> <i>CSE340/540 Image Analysis</i> <i>HSS212 Critical Thinking</i>	IIIT-Delhi Winter semester, 2015 Monsoon semester, 2015 Winter semester, 2016

INVITED TALKS

Guest Lecture <i>Popular Culture and Media, University of Pennsylvania</i>	June 2019
Invited Research Talk <i>Graduate Seminar on Philosophy of Science and Communication Studies, University of Delaware</i>	Oct 2019

AD HOC REVIEWING

International Communication Association, Annual Conferences	2016, 2017, 2018, 2019, 2020, 2021
International Journal of Humor	2020

PROFESSIONAL MEMBERSHIPS

International Communication Association
Social and Affective Neuroscience Society