

PRABARNA GANGULY

Science Communicator • Editor • Behavioral Neuroscientist

📍 160 Clarkson Ave, Apt 6J, Brooklyn, NY 11226 | ☎ 845.853.9910 | [Website](#)

PROFESSIONAL SUMMARY

- Experienced writer, editor, and creative director for digital science outlets.
- 8+ years experience in publishing, editing, and marketing high-quality articles on a range of scientific topics, with exemplary project management and leadership skills.
- Doctoral training providing an in-depth understanding of the scientific process, with demonstrated ability to dissect and thoughtfully examine obtuse research papers on multiple subjects. Well-experienced in writing and editing grant applications.
- Passion for disseminating and communicating technical and scientific reports of mass relevance to academic and general audiences.
- Adept and practiced public speaker, with particular proficiency in independent work and collaborative team-building.

WRITING EXPERIENCE & PROFESSIONAL DEVELOPMENT

Chief Communications Officer at **Nucleus Genomics** 📅 2022 - present

- Overseeing and building the company's communications brand

Staff Science Writer/Editor at **The National Human Genome Research Institute** 📅 2019 - 2022

- Researching and producing content for digital and print materials, including news articles, press releases, websites, social media, newsletters, presentations, fact sheets, infographics, video scripts, and other products to communicate about the institute's activities and topics in genomics.

Freelance Science Writer 📅 2015 - 2019

- Published works in online science publications, including *Salon*, *Massive Science*, *OceanBites*, *Lateral Magazine*, *Quartz*, and *Windsor of Change*

Managing Editor at **Windsor of Change** 📅 2017 - 2022

- Reviewing, editing, formatting, and publishing articles of staff and freelance writers on the website, and maintaining official Twitter account
- Writing feature articles on ongoing climate change research.

TEACHING & LEADERSHIP EXPERIENCE

Secretary and Deputy Treasurer of **D.C. Science Writers Association** 📅 2021 - 2022

President of **Northeastern Psychology Graduate Student Organization** 📅 2015 - 2018

Mentor and Teaching Assistant at **Northeastern University** 📅 2013 - 2018

SKILLS & FIELDS OF EXPERTISE

- Familiarity with quantitative statistical methods (including R, SPSS, JMP, and PRISM): t-test, correlation, ANOVA, linear and logistical regression, chi-square, Manhattan plots, etc.
- Wide knowledge in research pertaining to neuroscience, cancer biology, and psychology
- Expertise in Trello, Linear, Cision, Slack, Notion, Canva, Figma, Airtable

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SELECTED PUBLICATIONS

Ganguly, P., Honeycutt J.A., Rowe, R.J., Demaestri, C., Brenhouse, H.C. (2019) Effects of early life stress on cocaine conditioning and AMPA receptor composition are sex-specific and driven by TNF. *Brain, Behavior and Immunity* 78, 41-51.

Ganguly, P., Thompson, V., Gildawie, K., Brenhouse, H.C. (2018). Adolescent food restriction in rats alters prefrontal cortex microglia in an experience-dependent manner. *Stress*, 1-7.

Grassi-Oliveira R., Honeycutt J.A., Holland F.H., **Ganguly P.**, Brenhouse H.C. (2016). Cognitive impairment effects of early life stress in adolescents can be predicted with early biomarkers: Impacts of sex, experience, and cytokines. *Psychoneuroendocrinology* 71, 19-30.

Ganguly, P. & Brenhouse, H.C. (2015). Functional uncoupling NMDAR NR2A subunit from PSD-95 in the prefrontal cortex: Effects on behavioral dysfunction and parvalbumin loss after early life stress. *Neuropsychopharmacology* 40, 2666-75.

Ganguly, P., and Brenhouse, H.C. (2015). Broken or maladaptive? Altered trajectories in neuroinflammation and behavior after early-life adversity. *Developmental Cognitive Neuroscience* 11, 18-30.

AWARDS & HONORS

- 2020 DCSWA Newsbrief Award in Multimedia (**D.C. Science Writers Association**) | 2021
- 2020 Genomics Education for Diverse Communities GREAT Award (**NHGRI**) | 2020
- Neuroscience Discovery Grant (\$1000) (**MilliporeSigma**) | 2017
- Winner of 3 Minute Thesis Competition (**Northeastern University**) | 2017
- NIH/Sackler Travel Award (\$500) (**International Society for Developmental Psychobiology**) | 2016
- SOBP Top Poster Award Finalist (**Society for Biological Psychiatry**) | 2015

PROFESSIONAL AFFILIATIONS

- Member | Science Writers in New York | 2022-present
- Member | American Association for the Advancement of Science | 2018-present
- Member | National Association of Science Writers | 2018-present

EDUCATION

Ph.D. in Psychology (focus: **Behavioral Neuroscience**)
Department of Psychology, Northeastern University

📅 2015 - 2018

M.A. in Psychology (focus: **Behavioral Neuroscience**)
Department of Psychology, Northeastern University

📅 2013 - 2015

B.A. in Biology (focus: **Cancer Biology**)
Bard College

📅 August 2009 - May 2013

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REFERENCES

[Sarah Bates](#)

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National Human Genome Research Institute

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[John Ohab](#)

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[Heather Brenhouse](#)

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