

## Editorials

# Introducing the Journal of Brain Health: Mission Statement and Editorial Vision

Kathleen M Hayden, MA, PhD<sup>1,2</sup><sup>a</sup>, Madhur Basnet, MBBS, MD<sup>3,4</sup>, Carolina Bidó Bello, MD<sup>3</sup>, David Brodie-Mends, MBChB, FGCP, FWACP<sup>3,5</sup>, Emilie V Brotherhood, PhD<sup>3,6</sup>, Olga Castăner, MD, PhD<sup>1,7</sup>, Aaron Colverson, PhD<sup>3,8</sup>, Sara J Cullum, MBChB, MSc, PhD<sup>1,9</sup>, David De Jong-Bambagioni, MA<sup>1,10</sup>, Dafne E Durón Reyes, MD<sup>1</sup>, Tavia E Evans, MSc, PhD<sup>1,11</sup>, Temitope H Farombi, MBBS, PhD, FMCP<sup>1,12</sup>, Brian Kennedy, MA, PhD<sup>1</sup>, Mawuli Lawson, PhD<sup>3,13</sup>, Susana Lay, BA<sup>3</sup>, Ignacio López Barrenechea, MD<sup>1,14</sup>, José David López, MSc, PhD<sup>1,15</sup>, Sonata Măciulskytė, MSc, PhD<sup>1,16,17</sup>, Kwaku S Manu, MD<sup>1,18</sup>, Michelle Memran, BS<sup>3</sup>, Joaquin Migeot, MSc, PhD<sup>1,19</sup>, Damas Mlaki, MMed, MPhil<sup>3</sup>, Ixim Morales, MD, MSc<sup>3</sup>, Wepnyu Njamnshi, MD, MSc<sup>3,20</sup>, Carlos Orellana Diaz, MD<sup>3,21</sup>, Pongpat Putthinun, PhD<sup>3,8</sup>, Pablo Reyes, PhD<sup>3,22</sup>, Kiggundu Rodney Erismas, BFA<sup>3,23</sup>, Sonia L Sanchez Mendoza, MD<sup>3</sup>, Eduardo Schmitz, MS, PhD<sup>1,24</sup>, Raluca Sfetcu, MA, PhD<sup>1,25,26</sup>, Faith Simushi, MBChB, MMED<sup>3,27</sup>, Sara Solis, MD<sup>1</sup>, Chi Udeh-Momoh, PhD, MSc, FHEA<sup>3,28</sup>, Paulina Vergara, MD<sup>1,14</sup>, Muluken Yenesew, MPH, PhD<sup>3,29</sup>, Dominic Trépel, PhD<sup>1,30</sup>, Ara S Khachaturian, PhD<sup>31,32</sup><sup>‡</sup>

<sup>1</sup> Global Brain Health Institute, Trinity College Dublin, <sup>2</sup> Brain Health Literacy, CLG, <sup>3</sup> Global Brain Health Institute, University of California, San Francisco, <sup>4</sup> B.P. Koirala Institute of Health Sciences, <sup>5</sup> Korle Bu Teaching Hospital, <sup>6</sup> Dementia Research Center, UCL Queen Square Institute of Neurology, <sup>7</sup> Hospital del Mar Research Institute, <sup>8</sup> Memory and Aging Center, Weill Institute for Neurosciences, University of California, San Francisco, <sup>9</sup> Department of Psychological Medicine, University of Auckland, <sup>10</sup> DARE Health Innovation, <sup>11</sup> Radboud University Medical Center, <sup>12</sup> University College Hospital, Ibadan, <sup>13</sup> Department of Clinical and Health Psychology, University of Lomé, <sup>14</sup> Neurology Department, Memory Unit, Hospital Regional de Concepción, <sup>15</sup> Universidad de Antioquia, <sup>16</sup> Klaipėda University, <sup>17</sup> Klaipėda State University of Applied Sciences, <sup>18</sup> Alzheimer's and Related Disorders Association of Ghana, <sup>19</sup> Latin American Brain Health Institute (BrainLat), <sup>20</sup> Brain Research Africa Initiative, <sup>21</sup> Universidad San Sebastián, <sup>22</sup> School of Medicine, Department of Mental Health and Psychiatry, Pontificia Universidad Javeriana, <sup>23</sup> Makerere University, <sup>24</sup> SESC Centro Histórico, <sup>25</sup> Romanian Alzheimer's Society, <sup>26</sup> Spiru Haret University, <sup>27</sup> Mazabuka General Hospital, Zambia, <sup>28</sup> Epidemiology and Prevention, Wake Forest University School of Medicine, <sup>29</sup> School of Public Health, College of Medicine and Health Sciences, Bahir Dar University, <sup>30</sup> Trinity College Institute of Neuroscience, Trinity College Dublin, <sup>31</sup> Prevent Alzheimer's Disease 2020, <sup>32</sup> Brain Watch Coalition

## Journal of Brain Health

The *Journal of Brain Health* is a peer-reviewed, interdisciplinary, open access journal advancing global brain health research with a focus on equity, inclusion, and scientific excellence. Founded by a group including Atlantic Fellows for Equity in Brain Health, the Journal aims to elevate the science of brain health by including underrepresented voices in research to promote access to credible, context-relevant science for all. We publish original research, perspectives, and commentary that reflect the transdisciplinary and global nature of brain health.

### WHY A JOURNAL OF BRAIN HEALTH?

Brain health has been variously defined by a number of groups; however, a broad consensus definition remains to be determined. A key objective of the Journal is to advance a consensus definition, drawing on insights from its contributing authors. Thus, we invite a broad range of articles focused on brain health to support this emerging field. There are three arguments for starting the *Journal of Brain Health* at this time, *i.e.*, the scientific, economic, and equity-based rationales, which we describe below.

### SCIENTIFIC RATIONALE

Brain health as a field of study is broad and encompasses psychology, cognitive science, neuroimaging, the arts,

and—critically—health economics, mental health, public health and policy, in *addition* to neurology, psychiatry and neuroscience. Advancing this field demands interdisciplinary perspectives and convergence of discoveries across disciplines from around the world to generate new insights into exposures and risk factors that threaten brain health, as well as proactive treatment approaches that are tailored to diverse communities. Yet, global scientific discourse is heavily shaped by research produced in high-income countries, introducing foundational biases into the evidence base. As artificial intelligence tools in medicine increasingly rely on datasets from the Global North, entire populations risk exclusion—along with their unique constellations of exposures, disease presentations, and cultural contexts—resulting in inequitable detection, prevention, brain health promotion, and care strategies.<sup>1–3</sup>

‡ Joint last authors

a Corresponding Author: Kathleen M Hayden ; Email: Editor@jbrainhealth.org

## ECONOMIC RATIONALE

Brain health, or lack thereof, has enormous economic implications. Neurological and psychiatric conditions are now the leading cause of disability worldwide,<sup>4</sup> and 90% of this burden is borne by lower-and-middle-income-countries (LMICs).<sup>5</sup> As these populations age rapidly, the societal and economic costs of brain disorders are projected to escalate. Weak health systems and limited access to care further compound the challenge, yet research from LMICs remains scarce. This gap in representation from LMICs limits governments' ability to plan and invest in effective, evidence-based brain health strategies.<sup>6</sup> Governments and health systems require evidence that is locally generated, interpreted, and published by their own scientists in order to successfully drive public policy measures.

## EQUITY RATIONALE

The case for equity in brain health is both urgent and ethical. Although LMICs bear a disproportionate burden of brain health challenges, their researchers remain underrepresented in the scientific literature. Culturally appropriate solutions cannot be developed or adopted without robust local data.<sup>7</sup> While partnerships between institutions in the Global North and South have facilitated progress in research, power imbalances persist. These include unequal authorship roles<sup>8</sup> and insufficient recognition of context-specific findings.<sup>9</sup> Moreover, high article processing charges and structural barriers continue to prevent many LMIC researchers from publishing their work, limiting visibility, policy influence, and innovation.

## OUR MISSION AND APPROACH

The *Journal of Brain Health* was created to challenge the status quo in scientific publishing. **Equity is our foundation. Education is our driving force. The global advancement of science is our goal.** We are committed to:

- Publishing high-quality, peer-reviewed research from scientists around the world, *regardless* of their ability to pay.
- Providing plain-language summaries alongside research articles to promote accessibility.
- Publishing in English, with abstracts available in additional languages at the authors' request.
- Upholding rigorous standards for peer review.
- Operating a not-for-profit model: our publication fees exist only to cover real costs.

## PUBLICATION PRIORITIES

We prioritize articles that advance understanding, prevention, and promotion of brain health across the life course. This includes research focused on:

- Enhancing and strengthening brain health across the life course

- Development of valid, ethical, and scalable tools to quantify brain health
- The intersection of creativity, the arts, and brain function
- Interventions tailored to culturally diverse populations
- Social and structural determinants of brain health
- Modifiable risk factors for cognitive decline and dementia
- Health policy responses and system-level innovations in brain health

We also welcome timely commentaries on global events or trends that influence the brain health landscape. We publish:

- Original research
- Short reports
- In-depth perspectives
- Editorials
- *Comprehensive reviews and meta-analyses will be published by invitation only*

## SUBMISSION GUIDELINES

Submissions should follow the structure: Introduction, Objectives, Methods, Results, and Discussion. Authors are strongly encouraged to use appropriate reporting checklists from the EQUATOR Network to ensure transparency and methodological rigor. Conflicts of interest must be declared using the ICMJE disclosure form. Copyright and responsibility for scientific integrity remain with the authors. Please consult our *Instructions for Authors* for detailed formatting and submission requirements.

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Our editorial team represents a diverse group of scientists, clinicians, and artists from across the globe. We are united by a shared vision: to elevate brain health research, to remove financial and structural barriers to scientific publishing, and to amplify the contributions of talented researchers everywhere.

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