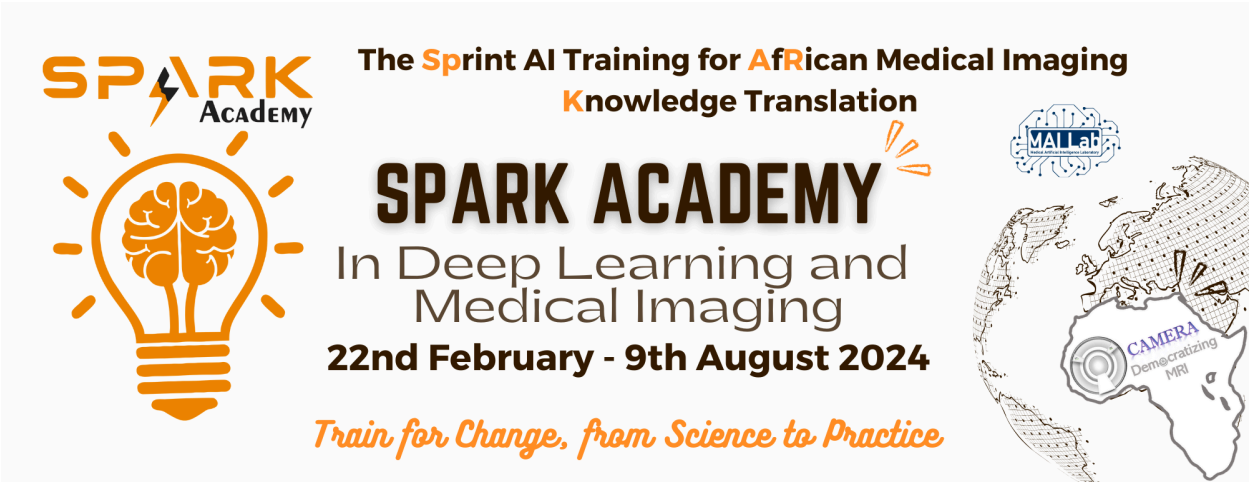


Publication Authorship Assignment Guidelines

The SPARK Academy program encourages teams to submit papers to the MICCAI conference, followed by a journal publication. This guideline outlines the criteria for assigning authorship to team members based on their contributions and designating appropriate positions for trainees, site directors, team supervisors, program directors, and program chairs.

The guideline outlines the authorship assignment for conference papers or journal articles submitted by teams participating in the SPARK Academy program to ensure fair recognition of individual contributions and facilitate transparent authorship determination. The guideline is based on the CRediT (Contributors Roles Taxonomy) author statement and takes into account the level of involvement and responsibility of team members throughout the research and publication process. Adhering to these guidelines will facilitate the appropriate attribution of authorship and acknowledge the efforts and contributions of all team members involved.

1.0 Authorship Assignment:

1.1 First Author: The paper's first author is the trainee who made the most substantial contribution to the research and publication. This position is typically held by the team captain or the most active team member, acknowledging their primary role in the project.

1.2. Second Author: The second author is assigned to the next major contributor trainee, recognizing their significant involvement and contributions to the research.

1.3. Second Senior or Second-last author: Site directors hold the second senior or second-last author position, acknowledging their guidance and support of the team throughout the project.

1.4. Senior Author: Team supervisors, who provide mentorship and oversee the team's progress, are listed as the senior or last author, reflecting their overall supervision of the project.

1.5 Program Director and Program Chairs co-authorship: The program director and program chairs are listed as the 3rd to 5th last authors in that order, acknowledging their roles in coordinating and overseeing the SPARK Academy program, including securing funding and Academy resources.

1.6 Team Members co-authorship: All team members who actively participated in the practicum and made significant contributions are listed as co-authors, acknowledging their respective roles. The order of listing should reflect the level of individual contribution to the research.

3.0 Acknowledgement Section:

All manuscripts where stipulated must include the following list of funding sources and individuals who have contributed to SPARK Academy.

1. Lacuna Fund for Health and Equity (PI: Udunna Anazodo, 0508-S-001)
2. National Science and Engineering Research Council of Canada (NSERC) Discovery Launch Supplement (PI: Udunna Anazodo, DGECR-2022-00136)
3. Digital Research Alliance of Canada (the Alliance)
4. McGill University Doctoral Internship Program
5. University of Washington Azure GenAI for Science Hub
6. SPARK Academy 2025 Instructors

4.0 Citation:

Specific to the 2025 Brain Tumor Segmentation (BraTS) cluster of challenges, manuscripts from teams participating in BraTS Africa challenges should cite the Challenge and dataset descriptor papers

As listed below:

Adewole M, Rudie JD, Gbadamosi A, et al. The Brain Tumor Segmentation (BraTS) Challenge 2023: Glioma Segmentation in Sub-Saharan Africa Patient Population (BraTS-Africa). arXiv:2305.19369 [eess.IV] (2023)

Adewole, M., Rudie, J. D., Gbadamosi, et al (2025). The BraTS-Africa Dataset: Expanding the Brain Tumor Segmentation Data to Capture African Populations. *Radiology. Artificial intelligence*, *7*(4), e240528.

or

Maruf Adewole and Jeffrey D. Rudie and Anu Gbadamosi and Oluyemisi Toyobo and Confidence Raymond and Dong Zhang and Olubukola Omidiji and Rachel Akinola and Mohammad Abba

Suwaid and Adaobi Emegoakor and Nancy Ojo and Kenneth Aguh and Chinasa Kalaiwo and Gabriel Babatunde and Afolabi Ogunleye and Yewande Gbadamosi and Kator Iorpagher and Evan Calabrese and Mariam Aboian and Marius Linguraru and Jake Albrecht and Benedikt Wiestler and Florian Kofler and Anastasia Janas and Dominic LaBella and Anahita Fathi Kzerooni and Hongwei Bran Li and Juan Eugenio Iglesias and Keyvan Farahani and James Eddy and Timothy Bergquist and Verena Chung and Russell Takeshi Shinohara and Walter Wiggins and Zachary Reitman and Chunhao Wang and Xinyang Liu and Zhifan Jiang and Ariana Familiar and Koen Van Leemput and Christina Bukas and Maire Piraud and Gian-Marco Conte and Elaine Johansson and Zeke Meier and Bjoern H Menze and Ujjwal Baid and Spyridon Bakas and Farouk Dako and Abiodun Fatade and Udunna C Anazodo. The Brain Tumor Segmentation (BraTS) Challenge 2023: Glioma Segmentation in Sub-Saharan Africa Patient Population (BraTS-Africa). arXiv:2305.19369 [eess.IV] (2023). https://doi.org/10.48550/arXiv.2305.19369

Adewole M, Rudie JD, Gbadamosi A, Zhang D, Raymond C, Ajigbotoshso J, Toyobo O, Aguh K, Omidiji O, Akinola R, Suwaid MA, Emegoakor A, Ojo N, Kalaiwo C, Babatunde G, Ogunleye A, Gbadamosi Y, Iorpagher K, Onuwaje M, Betiku B, Cakmak J, Menze B, Baid U, Bakas S, Dako F, Fatade A, Anazodo UC. The BraTS-Africa Dataset: Expanding the Brain Tumor Segmentation Data to Capture African Populations. Radiol Artif Intell. 2025 Jul;7(4):e240528. doi: 10.1148/ryai.240528.

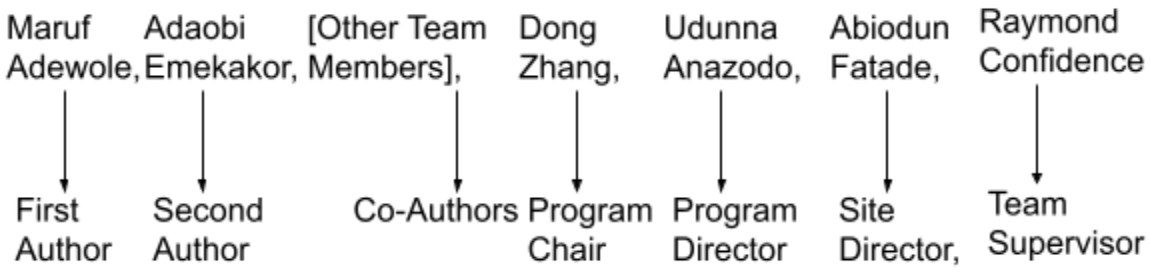
Or

using the journal-specific citation format.

3.0 Example Authorship Attributions:

Below is an illustration using the NinjAI Team:

Authorship



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