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Registered Occupational Therapist, Bangladesh (BOTA): #A219

EDUCATIONAL QUALIFICATIONS

Ph.D. in Occupational Therapy (2016 – 2019)

Tokyo Metropolitan University, Japan

- Research topic: Strategies to occupational participation for persons with Spinal Cord Injury (SCI) in Bangladesh: An ethnographic research (Supervisor: Professor Peter Bontje).

Master in Disaster Management (2013 – 2014)

BRAC University, Bangladesh

- Thesis: Quality of Life among Survivors from Building Collapse: Case Study of Rana Plaza, Savar, Dhaka (Supervisor: A / Professor Fuad H. Mollick).

Bachelor of Science in Occupational Therapy (2008 – 2012)

Bangladesh Health Professions Institute (WFOT accredited school), Bangladesh

- Thesis: Mothers' perception of changes in hand skills pattern of their children with cerebral palsy to perform activities of daily living in Bangladesh.

FUNDING AWARDED

Date	Title	Awardee	Amount
2016 – 2019	Tokyo Human Resource Fund for City Diplomacy	Tokyo Metropolitan University	JPY 9.2 million / USD 86K
2019	Research Excellence Conference Grant (Occupational Science Europe conference, Netherlands)	Tokyo Metropolitan University	JPY 200,000/ USD 2000
2018	Travel Research Collaboration Scholarship	Spinal Research Institute (SRI), Australia	AUD 2.2K/ USD 1.5
2017	Research Excellence Conference Grant (56 th ISCoS Annual Scientific Meeting, Ireland)	Tokyo Metropolitan University	JPY 200,000/ USD 1800
2015	Travel Collaboration Fellowship (Asia-Pacific Occupational Therapy Congress)	Occupational Therapy New Zealand (OTNZ-WNA)	BDT 220,000/ USD 2600
2013 – 2014	Semester Scholarship and Master's Research Grant	International Federation of Red Cross and Red Crescent Society (IFRC), Bangladesh	BDT 200,000/ USD 2000

PUBLICATIONS

- Alve, Y. A.,** Islam, A., Hatlestad, B., & Mirza, M. P. (2023). Participation in everyday occupations among Rohingya refugees in Bangladeshi refugee camps. *American Journal of Occupational Therapy*, 77, 7703205060. <https://doi.org/10.5014/ajot.2023.050006>
- Begum, S., **Alve Y.A.,** & Bontje, P. (2022). Self-Management Embedded in Daily Activities: A Photoelicitation Focus Group Study among Persons with Spinal Cord Injury and Their Primary Caregivers in Bangladesh. *Occupational Therapy International*, Volume 2022, Article ID 2705104, <https://doi.org/10.1155/2022/2705104>
- Alve, Y. A.,** Bontje, P., & Begum, S. (2019). Endeavoring sustainable participation: Post-discharge adaptation processes of daily activities among persons with spinal cord injury in Bangladesh. *WFOT Bulletin*, 15(2):112-123. <https://doi.org/10.1080/14473828.2019.1647983>
- Alve, Y.A.,** & Bontje, P. (2019). Factors influencing participation in daily activities by persons with spinal cord injury: Lessons learned from an international scoping review. *Topics in Spinal Cord Injury and Rehabilitation*, 25(1):41–61. <https://doi.org/10.1310/sci2501-4>
- Alve, Y.A.,** Bontje, P., and Begum, S. (2019) Intra- and interpersonal agency: Resuming occupational participation among persons with spinal cord injury after discharge from in-patient rehabilitation. *Scandinavian Journal of Occupational Therapy*. Epub ahead of print 22 June 2019. <https://doi.org/10.1080/11038128.2019.1628298>
- Alve, Y. A.,** & Mallick, F. (2014) Quality of life among survivors from building collapse: A case study of Rana Plaza, Savar, Dhaka. Master's Thesis. *BRAC University*, Bangladesh 2014. Available at: <http://hdl.handle.net/10361/38013>.
- Hossain, M. I., Nahar, N., Nayan, M. J., Ema, A. J., & **Alve, Y. A.** (2013) Experience of Bangladeshi occupational therapists with "Rana Plaza Tragedy" survivors: Recovery and rehabilitation phases of disaster management. *WFOT Bulletin*. 2013 (1): 14–19. <https://doi.org/10.1179/otb.2013.68.1.006>
- Alve, Y. A.,** & Ayemen, T. (2012) Mothers perception in changes of hand skills pattern of their children with cerebral palsy to perform activities of daily living: indoor pediatric unit, CRP. Bachelor of Science Thesis. *Bangladesh Health Professions Institute (BHPI)*, Bangladesh. Available at: <http://library.crp-bangladesh.org:8080/xmlui/bitstream/handle/123456789/161/Md.%20Yeasir%20Arafat%20Alve-1.pdf?sequence=1&isAllowed=y>
- Ghosh, L., and **Alve, Y. A.** (2015) Exploring the challenges and opportunities related to the quality of daily living among mothers of children with autism in Bangladesh. Bachelor of Science Thesis. *Bangladesh Health Professions Institute (BHPI)*, Bangladesh. Available at: <http://dSPACE.crp-bangladesh.org:8080/xmlui/bitstream/handle/123456789/169/Lipika%20Ghosh.pdf?sequence=1&isAllowed=y>
- Shahanaz, S., & **Alve, Y. A.** (2015). Quality of life among elder people at elderly care homes in Bangladesh. Bachelor of Science Thesis. *Bangladesh Health Professions Institute (BHPI)*, Bangladesh. Available at: <http://library.crp-bangladesh.org:8080/xmlui/bitstream/handle/123456789/189/Shahanaz%20Sharmin.pdf?sequence=1>
- Akter, F., & **Alve, Y. A.** (2015). Impacts on the daily life of mothers of children with down syndrome: the mothers' perspective. Bachelor of Science Thesis. *Bangladesh Health Professions Institute (BHPI)*, Bangladesh. Available at: <http://202.4.109.28:8080/xmlui/bitstream/handle/123456789/174/Farjana%20Akter.pdf?sequence=1&isAllowed=y>

INVITED BOOK CHAPTERS

- Alve YA**, Taylor R, Yamada, T and Kielhofner, G. Chapter 2: Person-specific Concept of Human Occupation. In: Taylor, R (eds), *Kielhofner's Model of Human Occupation: Theory and Application*, 6th ed. Wolters Kluwer St. Louis, Missouri, 2023.
- Melton J, **Alve YA**, Reed M and Singh, P. Chapter 9: Crafting Occupational Life. In: Taylor, R (eds), *Kielhofner's Model of Human Occupation: Theory and Application*, 6th ed. Wolters Kluwer St. Louis, Missouri, 2023.
- Bathje, M & **Alve, Y. A.** (2023). Approaches to Data Analysis. In Taylor, R. R. (Eds). *Kielhofner's Research in Occupational Therapy: Methods of Inquiry for Enhancing Practice*, 3rd ed, F. A. Davis (in Press).
- Taylor, R. R., **Alve, Y. A.**, Kielhofner, G. (2023). Participatory Research Approaches In Taylor, R. R. (Eds). *Kielhofner's Research in Occupational Therapy: Methods of Inquiry for Enhancing Practice*, 3rd ed, F. A. Davis (in Press).

INVITED GUEST LECTURES

2019 - 2020	Community-Based Rehabilitation in low-and-middle-income countries	Tokyo University of Technology, Japan
2020 2019	Kinematic Community-Based Rehabilitation among Persons with Spinal Cord Injury in Bangladesh	Kibi International University, Japan Hyogo Prefectural Rehabilitation Hospital
2018	Occupational Therapy Roles for the Rohingya Asylum Seekers in Bangladesh	Japanese Association of Occupational Therapy (JAOT)

WORK HISTORY

Date	Role	Organization
01/16/2021 – Ongoing	Research Associate	University of Illinois Chicago (UIC), USA
	<ul style="list-style-type: none"> Serve as the Project Director for a large-scale epidemiological study of COVID-19 infection and testing uptake. Oversee continued research and development within the Model of Human Occupation and Intentional Relationship Clearinghouse. Teaching as a primary instructor of AHS 200: Intro Integrated Health since Fall 2021. 	
11/01/2019 – Ongoing	Visiting Associate Professor (Honorary)	Tokyo Metropolitan University, Japan
	<ul style="list-style-type: none"> Incorporate diverse international and intercultural perspectives of occupational therapy scholarship into Advance Occupational Therapy Course. Assist in Ph.D. student research at the field level. 	
09/01/2013 – 10/30/2019	Lecturer in Occupational Therapy and Rehabilitation Science	Bangladesh Health Professions Institute (BHPI), CRP

- Contributed to team efforts to develop Ergonomics Assessment Checklist in Bangladesh.
- Contributed to team efforts in the development of national guidelines for occupation-based and community-based rehabilitation practice.
- Developed guidelines on occupational therapists' role and responsibilities when addressing natural disaster or crisis conditions in Bangladesh, particularly in terms of supporting other health care practitioners in disaster preparedness, response, recovery, and Rehabilitation.
- Evaluated and upgraded the occupational therapy curriculum in Bangladesh based on the WFOT minimum guideline standard.
- Developed locally adapted cost-effective home adaptation techniques and tools for the Bangladeshi Community in Community based Rehabilitation.
- Supervised students in occupational therapy assessment, goal-setting, and implementing interventions among adults with neurological diseases (Stroke, Brain injury, SCI Rehabilitation) in individual and group sessions.
- Conducted wheelchair transferring and advanced wheelchair skills training.

05/01/2021 – 04/30/2018	Volunteer facilitator/ Course teacher	World Federation of Occupational Therapists (WFOT) Online Disaster Management Course
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- Co-taught an online learning course involving 144 occupational therapy practitioners from all over the world
- More details on <https://dmot.wfot.org/>

01/04/2019 11/30/2019	Volunteer facilitator – Spinal Cord Research Hub (SCoRH): Low-resource Setting	Spinal Research Institute (SRI), Melbourne, Australia
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- SCoRH is an online platform that connects people with a shared interest in spinal cord injury rehabilitation. More details on <https://www.scorh.org>

07/01/2015 – 08/31/2015	Volunteer Occupational Therapist	Spinal Injury Rehabilitation Centre (SIRC), Sanga, Nepal.
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- Conducted vocational assessment for the persons with SCI admitted after a massive earthquake.
- Developed a guideline and schedule for vocational skill trainings.
- Planned for home visits (home assessment, accessibility assessment, adaptation, and modification consultation)
- Proposed guidelines to develop self-management skills.

07/01/2012– 06/30/2013	Internship in Clinical Occupational Therapy	Centre for the Rehabilitation of the Paralyzed (CRP), Bangladesh.
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- Practiced occupational therapy under supervision in the areas of adult neurology and community rehabilitation.
- Developed innovative and cost-effective adaptive devices for clients (modified reaches, grab rails, modified toilet chair, reading/ writing stand in bed-lying position, typing for children, page-turners for persons with C4/ C5 spinal cord injury).
- Conducted occupational therapy assessments in acute, active, Rehabilitation, and community integration phases of Spinal Cord Injury Rehabilitation.
- Prepared ramps, modified toilet chairs, adjusted bed heights, and other furniture to ensure independent living at home.

03/15/2012 – 06/30/2012	Rehabilitation trainer, Handicap International Bangladesh	Chittagong, Bangladesh
<ul style="list-style-type: none"> ❖ Conducted a home-based disability survey with the help of community volunteers to identify types of disability, functional capacities, needs for the type of assistive devices, and level of disaster risk (vulnerability and risk assessments) in the areas frequently flooded by tropical typhoons or monsoon floods. ❖ Provided home-based Rehabilitation support and education to obtain independence in daily occupations, including home adaptation techniques, accessibility, and accessing other community resources. ❖ Trained family members, community leaders, and rescue committees on how to evacuate persons with a disability, children, women, and older adults. The theoretical and practical training included the rights and laws in early evacuation, transferring, mobility, safety or comfort, and shelter policy. ❖ Trained the Community on how to prepare a disaster-inclusive community. ❖ Modified the temporary shelters by ensuring universal designs for all people. ❖ Established disabled people's organization/ self-help group to enable self-care. ❖ Advocated with local political, social, and religious leaders to prevent social stigma, including mainstreaming society and empowering the Community. 		