

## **Curriculum Vitae**

Name: Md. Abu Bokor Siddik

Title: B.Sc. (hons), M.Sc., Ph.D. (Psychology)

Position: Associate Professor (full time Government employee), Department of Psychology,  
Govt. Azizul Haque college (affiliated with National University, Bangladesh),  
Bogura, Bangladesh

Contact: [siddikbogra@yahoo.com](mailto:siddikbogra@yahoo.com), [siddikbogral@gmail.com](mailto:siddikbogral@gmail.com)

Sex : Male

Date of Birth: February 8, 1975

Country of residence: Bangladesh

Address: Masterpara, Kahalu, Bogra-5800, Bangladesh

Citizenship: Bangladeshi

Passport number: A00206903

**COVID-19 vaccinated (three doses)**

## **Education**

2015- PhD in Experimental Psychology, Faculty of Letter,  
Graduate School of Human & Socio-Environmental Studies,  
Kanazawa University, Japan

Topic of doctoral dissertation: Experimental analysis on relational discrimination  
learning in rats

1997- M.Sc. in Psychology, University of Dhaka, Bangladesh

1996-B.Sc. (hons) in Psychology, University of Dhaka, Bangladesh

## **Research expertise**

Behavioral pharmacology, particularly performing intraperitoneal injection, preparing doses of  
drugs, behavioral experiments with animals and humans

## **Teaching experiences**

Teaching experiences (From December, 2003 to current) at undergraduate and graduate level in  
the government colleges of Bangladesh

## **Teaching training**

1. Professional development in ICT (Information and Communication Technology) Digital  
Content Development Training (from March 05, 2017 to March 09, 2017) for Govt.  
College lecturers/Assistant Professors provided by Directorate of Secondary and Higher  
Education, Ministry of Education, Government of The People's Republic of Bangladesh
2. Teacher Training Course in Psychology (from October 10, 2015 to November 05, 2015)  
organized by National University, Bangladesh

3. Foundation Training course for the B.C.S Education (general & Technical) cadre officers (From September 11, 2006 to January 08, 2007) organized by The National Academy for Educational Management (NAEM), Under The Ministry of Education, Government of The People's Republic of Bangladesh

### **Teaching skill**

B.Sc. (hons) program: Developmental Psychology, General Psychology, Physiological basis of behavior, Experimental Psychology, Theories of Learning

Master Program: Assessment, Prevention and Intervention

**Supervisory skill:** 11 years' experiences in supervising the research projects of Undergraduate and graduate students

### **Research experiences**

#### **Kanazawa University, Japan**

2011- Conditional discrimination learning of two-object-pairs by rats [**supported by the Separate Quota for international Exchange at the Graduate School of Human and Socio-Environment Studies, Kanazawa University, Japan (2010-2012)**]

2012- Concurrent learning of multiple oddity discrimination in rats [**supported by the Separate Quota for international Exchange at the Graduate School of Human and Socio-Environment Studies, Kanazawa University, Japan (2010-2012)**]

2013- Cross-modal transfer of oddity concept learning in rats

2019-An investigation on visual oddity concept learning in rats (supported by the **Jasso Follow-up Research Fellowship**)

#### **Otto-von-Guericke-Universität Magdeburg, Germany**

2021- Effects of D-cycloserine on the cognitive flexibility in rats using attentional set-shifting paradigm (**supported by the DAAD scholarship**)

#### **Rajshahi college, Rajshahi, Bangladesh**

2018- A comparative study on the immediate memory span of six grade and eleven grade students

2018- Development of abstract concept learning in children

2018- Trisensory backward digit span in middle hood

## 2018- Relational matching-to-sample concept learning in children

### Presentations

Siddik, M. A. B. & Taniuchi, T. (2010). Conditional discrimination learning of two-objects-pairs by rats. *Proceedings of 45th annual meeting of Hokuriku Psychological Society of Japan*, Pp.20-21. Kanazawa Institute of Technology, Japan. Nov. 27, 2010.

Siddik, M. A. B. & Taniuchi, T. (2012). Oddity discrimination learning of object stimuli in rats. *Bulletin of Hokuriku Psychological Society of Japan (Proceedings of 47th annual meeting of Hokuriku Psychological Society of Japan)*, Pp.56-57. Satellite plaza of Kanazawa University, Japan. Oct. 29, 2012.

Siddik, M. A. B. & Taniuchi, T. (2013). Oddity discrimination learning and transfer in rats. *The Japanese Journal of Animal Psychology (Proceedings of 73th annual meeting of The Japanese Society for Animal Psychology)*, Pp. 187. Tsukuba University, Japan. Sept. 15, 2013.

Siddik, M. A. B. & Taniuchi, T. (2013). Transfer of oddity discrimination in rats. *Bulletin of Hokuriku Psychological Society of Japan (Proceedings of 48th annual meeting of Hokuriku Psychological Society of Japan)*, Pp.76-77. University of Toyama (Sugitani campus).

Siddik, M. A. B. & Taniuchi, T. (2013). Relational oddity discrimination of object stimuli in rats. *The 32nd annual meeting of the Japanese Psychonomic Society program*, Pp. 41. Kanazawa-shi bunka hall. Dec. 7, 2013.

Siddik, M.A.B. & Taniuchi, T. (2014). Cross-modal transfer of oddity discrimination learning in rats. *The 74th Annual Meeting of the Japanese Society for Animal Psychology*, Pp. 64. The Primate Research Institute, Kyoto University. July 19, 2014.

### Peer-reviewed articles

#### 2022

Md. Abu Bokor Siddik & Markus Fendt. (2022). D-cycloserine rescues scopolamine-induced deficits in cognitive flexibility in rats measured by the attentional set-shifting task. *Behavioural Brain Research*, 431, 113961, ISSN 0166-4328. <https://doi.org/10.1016/j.bbr.2022.113961>.

#### 2019

**Siddik, M.A.B.**, Lata, H.A., & Mahmud, A.Y. (2019). Relational matching-to-sample concept learning in children. *Universal Journal of Psychology*, 7(2), 38-48. ISSN: 2332-3485. DOI: 10.13189/ujp.2019.070202.

**Siddik, M.A.B.**, & Nahar, N. (2019). Development of oddity concept learning in children: an evidence of intra-modal transfer. *Matters of Behavior*, 7 (8), 13-23. ISSN 2517-6048.

## 2018

**Siddik, M.A.B.**, Lata, H.A., Sarker, P.C. (2018). Trisensory backward digit span in middle hood. *Matters of Behavior*, 6 (7), 14-19. ISSN: 2517-6048.

**Siddik, M. A. B.** & Mahmud, A. Y. (2018). A comparative study on the immediate memory span of the students studying at six and eleven grades. *International Journal of Indian Psychology*, 6(3), 48-56. DIP: 18.01.005/20180603, DOI:10.25215/0603.005.

## 2017

Taniuchi, T, Miyazaki, R, & **Siddik, M.A.B.** (2017). Concurrent learning of multiple oddity discrimination in rats. *Behavioural Processes*, 140, 6-15. (Elsevier, DOI: 10.1016/j.beproc.2017.03.008).

## 2014

**Siddik, M. A. B.**, & Taniuchi, T. (2014). Transfer of oddity discrimination learning of object stimuli to odor stimuli in rats. *Proceedings of the 49th annual meeting of Hokuriku Psychological Society of Japan*, 3, 46-47.

## 2012

**Siddik, M. A. B.**, & Taniuchi, T. (2012). Conditional discrimination learning of two-object-pairs by rats. *Bulletin of Hokuriku Psychological Society of Japan*, 1, 35-43.

## Book-chapter

### 2020

Siddik M.A.B. (2020). Oddity Learning in the Rat. In: Vonk J., Shackelford T. (eds) *Encyclopedia of Animal Cognition and Behavior*. Springer, Cham. [https://doi.org/10.1007/978-3-319-47829-6\\_2110-1](https://doi.org/10.1007/978-3-319-47829-6_2110-1).

## Positions

2016-2024 Kanazawa University Collaborative Associate Professor, Global affairs support office, Kanazawa University, Kanazawa, Ishikawa, Japan

2021-current Associate Professor, Department of Psychology, Govt. Azizul Haque college, Bogura, Bangladesh

2018-2021 Associate Professor, Department of Psychology, Rajshahi college, Rajshahi, Bangladesh

2015 -2018 Assistant Professor, Department of Psychology, Rajshahi college, Bangladesh

2010–2015 PhD student, Department of Psychology, Graduate School of Human & Socio-Environment Studies, Kanazawa University, Japan

2003-2010 Lecturer, Department of Psychology, Govt. Azizul Haque college, Bogura, Bangladesh

### **Fellowship & Scholarship**

**DAAD** scholarship for the Research Stays for University Academics and Scientists, 2021, (57552335) (Personal ref. no.: 91791257) Germany

**DFG (German Research Foundation;** SFB 1436/A1, project ID: 425899996)

Fiscal 2019 **JASSO** Follow-up Research Fellowship, Japan

**Separate Quota for international Exchange** at the Graduate School of Human and Socio-Environment Studies, Kanazawa University, Japan (2010-2012)

**NOMA grant**, 2009 at The Bangladesh Institute of Health science, Bangladesh

Scholarship awarded by **State Scholarship Foundation** (I.K.Y), Athens, Greece (2008-2009)

**Computer literacy:** MS Word, Excel, PowerPoint, SPSS, Prism

### **Professional membership**

Member of the American Psychological Association (**APA, 2022**) MEMBER NUMBER: C2103196248

Member of Bangladesh Psychological Association (2019)

Member of Hokuriku Psychological Society of Japan (2012-2014)

### **Language proficiency**

English	Speaking	Writing	Reading	Listening
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Good	Good	Good	Good
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Japanese	Speaking	Writing	Reading	Listening
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Beginner	Not good	Not good	Beginner
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