

SHUSHI NAMBA

Shushi Namba is an Associate Professor of Hiroshima University. My research interests include spontaneous facial expressions, human computing and social cognition.

View this CV online with links at .

EDUCATION

2018 2016	● PhD. Psychology Department of Psychology	📍 Hiroshima University
2016 2014	● M.A. Psychology Graduate School of Education	📍 Hiroshima University
2014 2010	● B.A. Psychology Graduate School of Education	📍 Hiroshima University

RESEARCH EXPERIENCE

2019 2018	● Visiting Researcher University College London	📍 JSPS
· Boss: Eva Krumhuber (https://www.ucl.ac.uk/pals/research/experimental-psychology/person/eva-krumhuber/)		

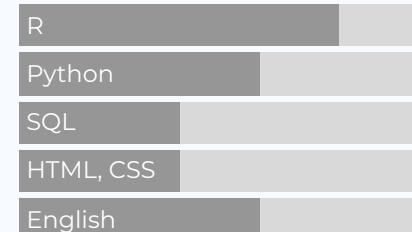
INDUSTRY EXPERIENCE

Current 2023	● Associate Professor Department of Psychology	📍 Hiroshima University
2023 2020	● Researcher Psychological Process Team, Guardian Robot Project	📍 RIKEN
2020 2019	● Assistant Professor Department of Psychology	📍 Hiroshima University
2019 2018	● PD Hiroshima University	📍 JSPS
	· Awarded from Japan Society for the Promotion of Science (JSPS: https://www.jsps.go.jp/english/e-pd/index.html)	
2018 2015	● Researcher Graduate School of Education	📍 Hiroshima University
	· Joined in Center of Innovation (COI: http://coikansei.hiroshima-u.ac.jp/)	

CONTACT

✉ nashushi@hiroshima-u.ac.jp
🐦 NSushi
/github.com/susiShushi
🔗 <https://www.nshushi-s-e.com/>

LANGUAGE SKILLS



I like collaborative environments where I can learn from my peers.

Made with the R package [pagedown](#).

The source code is available on github.com/hstrayer/cv.

Last updated on 2023-04-09.

2018
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2018

- **DC2**
Hiroshima University  JSPS
 - Awarded from Japan Society for the Promotion of Science (JSPS: <https://www.jsps.go.jp/english/e-pd/index.html>)

2015
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2014

- **Researcher**
Graduate School of Biomedical and Health Sciences  Hiroshima University
 - Joined in Center of Innovation (COI: <http://coikansei.hiroshima-u.ac.jp/>)

TEACHING EXPERIENCE

2020
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2019

- **Adjunct Instructor**
Fukuyama University  Hiroshima, JP
 - Lectured
 - Covered psychological experiment

2020
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2018

- **Introductory Psychology Laboratory, Seminar on Methods of Research in Psychology, Seminar on Psychology, Introduction to Psychology, Seminar in Psychological Readings, Academic writing in psychology, Practical Training in Psychology**
Hiroshima University  Hiroshima, JP
 - TA and lectured

I am passionate about education. I believe that no topic is too complex if the teacher is empathetic and willing to think about new methods of approaching task.

BLOG

Current
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2020

- **R package introduction on my blog (in Japanese)**
My hobby Blog
 - Introduction of some useful R packages and tips.
 - https://susishushi.github.io/my_blog/categories/r/

I love R.

SELECTED TALKS

2021
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2021

- **The facial dynamics of genuine and deliberate surprise**
Society for Affective Science (2021 SAS Annual Conference)
 - Online

2020
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2020

- **Human versus machine emotion recognition from spontaneous and posed expressions**
Psychonomic Society 61st Annual Meeting
 - Online

2019
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2019

- **Posed versus spontaneous expressions – can we tell the difference?**
The International Society for Research on Emotion (ISRE 2019)
• Amsterdam

2022
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2020

FUNDS

- **Grant-in-Aid for Young Scientists**
JSPS
• 3,770,000 yen
- **Grant-in-Aid for Research Activity start-up**
JSPS
• 2,860,000 yen
- **Grant-in-Aid for JSPS Fellows**
JSPS
• 2,100,000 yen
- **Overseas Challenge Program for Young Researcher**
JSPS
• 1,400,000 yen

2020
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2019

2019
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2018

2019
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2018

PUBLICATIONS

- **Computational Process of Sharing Emotion: An Authentic Information Perspective**
Frontiers in Psychology
• Authored with Sato, W., Nakamura, K., and Watanabe, K.
- **An android for emotional interaction: Spatiotemporal validation of its facial expressions**
Frontiers in Psychology
• Authored with Sato, W. (1st), Yang, D., Nishida, S., Ishi, C., and Minato T.
- **Smile Action Unit detection from distal wearable Electromyography and Computer Vision**
16th IEEE International Conference on Automatic Face and Gesture
• Authored with Perusquia-Hernandez, M. (1st), Dollack, F., Tan, C. K., Ayabe-Kanamura, S., and Suzuki, K.

- 2022
- **The spatio-temporal features of perceived-as-genuine and deliberate expressions**
Plos ONE
· Authored with Nakamura, K., and Watanabe, K.
- 2022
- **Optimizing Facial Expressions of an Android Robot Effectively: a Bayesian Optimization Approach**
IEEE-RAS 21st International Conference on Humanoid Robots
· Authored with Yang D. (1st), Sato, W., Liu, Q., Minato, T., Nishida, S.
- 2022
- **Spatio-Temporal Properties of Amused, Embarrassed, and Pained Smiles**
Journal of Nonverbal Behavior
· Authored with Sato, W., and Matsui, H.
- 2021
- **Distinct temporal features of genuine and deliberate facial expressions of surprise.**
Scientific Reports
· Authored with Matsui, H., and Zloteanu, M.
- 2021
- **Fantasy component of interpersonal reactivity is associated with empathic accuracy: findings from behavioral experiments with implications for applied settings**
Reading Psychology
· Authored with Kabir, R. S., Matsuda, K., Noguchi, Y., Kambara, K., Kobayashi, R., Shigematsu, J., Miyatani, M., and Nakao, T.
- 2021
- **Assessing automated facial action unit detection systems for analyzing cross-domain facial expression databases.**
Sensors
· Authored with Sato, W., Osumi, M., and Shimokawa, K.
- 2021
- **Feedback from facial expressions contribute to slow learning rate in an Iowa Gambling Task.**
Frontiers in Psychology
· Authored with Sato, W., and Yoshikawa, S.
- 2021
- **Viewpoint robustness of automated facial action unit detection systems**
Applied Sciences
· Authored with Sato, W., and Yoshikawa, S.
- 2020
- **Emotion recognition from posed and spontaneous dynamic expressions: Human observers vs. machine analysis.**
Emotion
· Authored with Krumhuber, E.(1st), Kuster, D., Shah, D and Calvo, M. G.

- 2020
- **Human and Machine Validation of 14 Databases of Dynamic Facial Expressions.**
Behavior Research Methods
 - Authored with Krumhuber, E.(1st), Kuster, D and Skora, L.
- 2020
- **Social context and culture influence judgments of non-Duchenne smiles.**
Journal of Cultural Cognitive Science
 - Authored with Rychlowska, M., Orlowska, A., Aviezer, H., & Krumhuber, E.
- 2020
- **Semantics based on the physical characteristics of facial expressions used to produce Japanese vowels.**
Behavioral Science
 - Authored with Kambara T.
- 2019
- **Exploring the Assumption of Congruent Mimicry in Emotional Contagion by Leveraging Experienced Emotions as Facial Stimuli.**
Facial Expression: Recognition Technologies and Analysis
 - Authored with Kabir, R. S.
- 2018
- **Dynamic displays enhance the ability to discriminate genuine and posed facial expressions of emotion.**
Frontiers in Psychology
 - Authored with Kabir, R. S., Miyatani, M. and Nakao, T.
- 2017
- **Spontaneous Facial Expressions Reveal New Action Units for the Sad Experiences.**
Journal of Nonverbal Behavior
 - Authored with Kagamihara, T., Miyatani, M. and Nakao, T.
- 2017
- **Spontaneous facial actions map onto emotional experiences in a non-social context: towards a component-based approach.**
Frontiers in Psychology
 - Authored with Kabir, R. S., Miyatani, M. and Nakao, T.
- 2016
- **Spontaneous Facial Expressions Are Different from Posed Facial Expressions: Morphological Properties and Dynamic Sequences.**
Current Psychology
 - Authored with Makihara, S., Kabir, R. S., Miyatani, M. and Nakao, T.