

# 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 Krumbhuber (<https://www.ucl.ac.uk/pals/research/experimental-psychology/person/eva-krumbhuber/>)

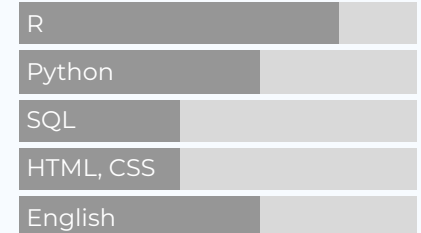
## INDUSTRY EXPERIENCE

- 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](mailto:nashushi@hiroshima-u.ac.jp)  
🐦 NSushi  
🔗 <https://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/nstrayer/cv](https://github.com/nstrayer/cv).

Last updated on 2023-04-09.

2018  
|  
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  
|  
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  
|  
2019



### Adjunct Instructor

Fukuyama University

📍 Hiroshima, JP

- Lectured
- Covered psychological experiment

2020  
|  
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  
|  
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/](https://susishushi.github.io/my_blog/categories/r/)

I love R.



## SELECTED TALKS

2021  
|  
2021



### The facial dynamics of genuine and deliberate surpris

Society for Affective Science (2021 SAS Annual Conference)

- Online

2020  
|  
2020



### Human versus machine emotion recognition from spontaneous and posed expressions

Psychonomic Society 61st Annual Meeting

- Online

2019  
|  
2019

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



## FUNDS

2022  
|  
2020

- **Grant-in-Aid for Young Scientists**  
JSPS  
• 3,770,000 yen

2020  
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2019

- **Grant-in-Aid for Research Activity start-up**  
JSPS  
• 2,860,000 yen

2019  
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2018

- **Grant-in-Aid for JSPS Fellows**  
JSPS  
• 2,100,000 yen

2019  
|  
2018

- **Overseas Challenge Program for Young Researcher**  
JSPS  
• 1,400,000 yen



## PUBLICATIONS

2022

- **Computational Process of Sharing Emotion: An Authentic Information Perspective**  
Frontiers in Psychology  
• Authored with Sato, W., Nakamura, K., and Watanabe, K.

2022

- **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.

2022

- **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
- 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.