

# **Curriculum Vitae**

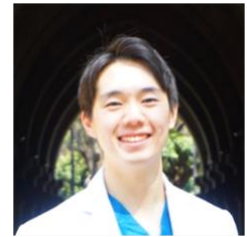
## **Ryunosuke “Ryan” Goto, M.D.**

Chief Resident, Nagano Children’s Hospital

Resident Physician, Department of Pediatrics at the University of Tokyo Hospital

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I am a Pediatrician at the University of Tokyo Hospital and Nagano Children’s Hospital. After receiving primary and secondary education in the United Kingdom and the United States, I received my M.D. from the University of Tokyo in 2019. Much of my research has focused on the relationship between poverty and health as well as health and health services in limited-resource settings. In particular, I’m interested in using causal inference, machine learning, and network science tools to investigate human decision-making as well as to inform precision policy making. My work has been published in *The Lancet*, *JAMA Pediatrics*, and *Pediatrics*, among other journals.

## **Education**

**M.D., Faculty of Medicine, The University of Tokyo, Tokyo, Japan**

04/2013 - 03/2019

**Monta Vista High School, Cupertino, CA, USA**

08/2008 - 06/2012

## **Work Experience**

**Nagano Children’s Hospital**

*Resident Physician, Pediatrics*

10/2021 –

Served as Chief Resident

**The University of Tokyo Hospital**

*Resident Physician, Pediatrics*

04/2019 –

**IBM Research**

*Research Intern*

02/2019 - 03/2019

Explored possible applications of automated connected speech analysis in the detection of pragmatic language impairment in individuals with autistic spectrum disorder

**United Nations Relief and Works Agency for Palestine Refugees in the Near East**

*Intern*

07/2017 - 09/2017

Quality improvement and research on the dissemination and implementation of an electronic maternal and child health handbook application, e-MCH Handbook

For more information on the e-MCH Handbook:

[http://libopac.jica.go.jp/images/report/1000036631\\_02.pdf](http://libopac.jica.go.jp/images/report/1000036631_02.pdf)

## **Ongoing research**

**Social network analysis for prevention of social isolation**

08/2022-

**Adolescents of Ukraine During the 2022 Russian Invasion (AUDRI) Cohort**

07/2022-

*I receive generous funding from the Chernobyl-Fukushima Medical Fund and The Japan Foundation for Pediatric Research for this project.*

**Machine Learning Detects Heterogeneous Effects of Medicaid on Depression: Oregon Health Insurance Experiment**

06/2021-

**Heterogeneous effects of antidepressants on suicide**

03/2021-

**Publications**

**Peer-reviewed publications**

**Ryunosuke Goto**, Ichiro Kawachi, Naoki Kondo, Kosuke Inoue. Contribution of Vaccinations to Reducing Socioeconomic Disparities in COVID-19 Deaths Across US counties. *Annals of Epidemiology* (in press).

**Ryunosuke Goto\***, Irina Pinchuk\*, Oleksiy Kolodezhny, Nataliia Pimenova, Norbert Skokauskas. Mental health services in Ukraine during the early phases of the 2022 Russian invasion. *British Journal of Psychiatry*. 2022 Dec 2:1-6. (\*joint first authors)

**Ryunosuke Goto**, Aurelie Piedvache, Mayumi Hangai, Yui Yamaoka, Mariko Sampei, Naomi Sawada, Yusuke Okubo, Kyoko Tanaka, Naho Morisaki, Mariko Hosozawa. Time trends in emotional well-being and self-esteem in children and adolescents during the COVID-19 pandemic. *Child and Adolescent Psychiatry and Mental Health*. 2022 Nov 23;16:89.

**Ryunosuke Goto**, Yusuke Okubo, Norbert Skokauskas. Reasons and trends in youth's suicide rates during the COVID-19 pandemic. *The Lancet Regional Health – Western Pacific*. 2022 Oct 1;27:100567.

Irina Pinchuk\*, **Ryunosuke Goto\***, Nataliia Pimenova, Oleksiy Kolodezhny, Anthony P. S. Guerrero, Norbert Skokauskas. Mental health of helpline staff in Ukraine during the 2022 Russian invasion. *European Psychiatry*. 2022 Aug 10; 65(1), E45. (\*joint first authors)

**Ryunosuke Goto**, Roch Nianogo, Yusuke Okubo, Kosuke Inoue. Evaluation of Obesity Trends Among US Adolescents by Socioeconomic Status, 1999-2018. *JAMA Pediatrics*. 2022 June 21;176(9):937–940.

Yosuke Eriguchi, Xiaoxue Gu, Naoto Aoki, Maiko Nonaka, **Ryunosuke Goto**, Hitoshi Kuwabara, Yukiko Kano, Kiyoto Kasai. A 2-year longitudinal follow-up of quantitative assessment neck tics in Tourette's syndrome. *Plos One*. 2021 Dec 30;16(12):e0261560.

**Ryunosuke Goto**, Natsumi Matsuda, Maiko Nonaka, Yu Hamamoto, Yosuke Eriguchi, Mayu Fujiwara, Akane Suzuki, Yukari Yokoyama, Yukiko Kano. The Gilles de la Tourette Syndrome-Quality of Life Scale (GTS-QOL): A Validation in Japanese Patients. *Frontiers in Psychiatry*. 2022 Jan 3;12:797037.

**Ryunosuke Goto**, Yoko Watanabe, Ako Yamazaki, Masatoshi Sugita, Satoru Takeda, Masao Nakabayashi, Yasuhide Nakamura. Can digital health technologies exacerbate the health gap? A clustering analysis of mothers' opinions toward digitizing the maternal and child health handbook. *SSM-Population Health*. 2021 Oct;16:100935.

**Ryunosuke Goto**, Thomas Frodl, Norbert Skokauskas. Armed Conflict and Early Childhood Development in 12 Low- and Middle-Income Countries. *Pediatrics*. 2021 Sep;148(3),e2021050332.

**Ryunosuke Goto**, Ryo Inuzuka, Takahiro Shindo, Yoshiyuki Namai, Yoichiro Oda, Yutaka Harita, Akira Oka. Relationship between post-IVIG IgG levels and clinical outcomes in Kawasaki disease patients: new insight into the mechanism of action of IVIG. *Clinical Rheumatology*. 2020 Dec;39: 3747-55.

Seif Nasir\*, **Ryunosuke Goto**\*, Akiko Kitamura, Sahar Alafeef, Ghada Ballout, Majed Hababeh, Junko Kiriya, Akihiro Seit, Masamine Jimba. Dissemination and implementation of the e-MCH Handbook, UNRWA's newly released maternal and child health mobile application: a cross-sectional study. *BMJ Open*. 2020;10:e034885. (\*joint first authors)

**Ryunosuke Goto**, Miyuki Fujio, Natsumi Matsuda, Mayu Fujiwara, Marina Nobuyoshi, Maiko Nonaka, Toshiaki Kono, Masaki Kojima, Norbert Skokauskas, Yukiko Kano. The effects of comorbid Tourette symptoms on distress caused by compulsive-like behavior in very young children: a cross-sectional study. *Child and Adolescent Psychiatry and Mental Health*. 2019 Jun 28;13:28.

### **Other publications**

**Ryunosuke Goto**, Yoko Watanabe, Yasuhide Nakamura. JAPAN: Digitization of MCH Handbook and the socioeconomic disparity in health. *Japan International Cooperation Agency Technical Brief*. Jun 2022.

[https://www.jica.go.jp/activities/issues/health/mch\\_handbook/ku57pq000028koi9-att/technical\\_brief\\_41.pdf](https://www.jica.go.jp/activities/issues/health/mch_handbook/ku57pq000028koi9-att/technical_brief_41.pdf).

**Ryunosuke Goto**, Anthony P. S. Guerrero, Mario Speranza, Daniel Fung, Campbell Paul, Norbert Skokauskas. War is a public health emergency. *The Lancet*. 2022 Apr 2; 399(1302):1302.

Akiko Kitamura, **Ryunosuke Goto**, Seif Nasir, Majed Hababeh, Ghada Ballout, Akihiro Seit. JORDAN: UNRWA's electric MCH Handbook application for Palestine Refugees. *Japan International Cooperation Agency Technical Brief*. August 2017. [http://libopac.jica.go.jp/images/report/1000036631\\_02.pdf](http://libopac.jica.go.jp/images/report/1000036631_02.pdf).

Japanese translation of: Cohn SL. Preoperative Evaluation for Noncardiac Surgery. *Ann Intern Med*. 2016;165:JITC81-JITC96. [http://annals.org/data/journals/aim/935916/aitc201612060\\_japanese.pdf](http://annals.org/data/journals/aim/935916/aitc201612060_japanese.pdf)

### **Presentations and Talks**

#### **Oral Conference Presentations**

**Ryunosuke Goto**, Kosuke Inoue, Itsuki Osawa, Katherine Baicker, Scott L. Fleming, Yusuke Tsugawa. Machine Learning Detects Heterogeneous Effects of Medicaid on Depression: Oregon Health Insurance Experiment. *Society for Epidemiologic*

**Research (SER) Annual Meeting (International Conference)**, Portland, OR, United States. Scheduled June, 2023.

**Ryunosuke Goto**, Thomas Frodl, Norbert Skokauskas. Armed Conflict and Early Childhood Development in 12 Low- and Middle-Income Countries. **American Academy of Pediatrics (AAP) National Conference and Exhibition (International Conference)**, Philadelphia, PA, United States (virtual). October, 2021.

**Ryunosuke Goto**, Miyuki Fujio, Natsumi Matsuda, Mayu Fujiwara, Norbert Skokauskas, Yukiko Kano. Effects of comorbid Tourette symptoms on distress by compulsive-like behavior in very young children. **24<sup>th</sup> World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAP) (International Conference)**, Singapore. December, 2020.

**Ryunosuke Goto**, Seif Nasir, Akiko Kitamura, Majed Hababeh, Ghada Ballout, Junko Kiriya, Akihiro Seita, Masamine Jimba. Dissemination and implementation of the e-MCH Handbook, the potential role of m-Health in improving health equity in a refugee setting: A cross-sectional study. **American Public Health Association (APHA) Annual Meeting (International Conference)**, San Diego, CA, United States. November, 2018.

### **Invited Talks**

**Ryunosuke Goto**, Akihiro Nishi. Social network analysis and network interventions in society, human development, and health research. *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) Social and Behavioral Sciences Branch Seminar Series. November 10, 2022.

**Ryunosuke Goto**. What changes can the electronic Maternal and Child Health Handbook bring to health care? An example from Jordan. **4<sup>th</sup> annual Maternal and Child Health Handbook Forum**, Tokyo, Japan. October 8, 2019.  
An overview on the electronic Maternal and Child Health Handbook in Jordan and Palestine refugees

**Ryunosuke Goto**. Social common capital and health: from a global perspective. **Nikkei SDGs Forum**, Tokyo, Japan. May 9, 2019.  
A presentation on the electronic Maternal and Child Health Handbook in Jordan and how it contributed to health equity for Palestine refugees

### **Qualifications**

**TOEFL iBT 117/120**  
02/2023

**United States Medical Licensing Examination (USMLE) Step 2 Clinical Skills**  
11/2018

### **Research Grants**

**The Japan Foundation for Pediatric Research, Grant No. 22-001**  
**2,000,000 yen (Approximately \$16,000)**  
2023-

**Chernobyl-Fukushima Medical Fund**  
**500,000 yen (Approximately \$4,000)**  
2022-

## **Honors and Awards**

### **Society for Epidemiologic Research Kenneth Rothman Travel Scholarship**

06/2023

A scholarship for the 2023 Annual Meeting

### **Ukrainian Psychiatric Association Dr. Stanislav Kostyuchenko Award**

02/2023

Awarded to young researchers, doctors, or clinical psychologists who made significant contributions to psychiatric care in Ukraine

### **The University of Tokyo Hospital Department of Pediatrics Research Award**

11/2022

Awarded the top researcher in the department

### **Donald J. Cohen Fellowship Program for International Scholars in Child and Adolescent Mental Health**

12/2020

Awarded by the the International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAP) to emerging leaders in child and adolescent mental health throughout the world

### **The University of Tokyo Faculty of Medicine Dean's Award**

01/2018

Awarded to the top three out of about 120 students in the Class of 2019, based on excellence in clinical rotations

### **The University of Tokyo Osamu Otsubo Fellowship**

01/2018

A scholarship awarded to top students who aspire to receive medical education abroad

### **The University of Tokyo Go Global Scholarship**

Autumn 2017 and Spring 2018

A scholarship awarded to top students to study abroad

### **Pigeon Foundation Scholarship for Aspiring Pediatricians, Obstetricians, and Gynecologists**

04/2017 – 03/2019

A scholarship awarded to top medical students who aim to become pediatricians, obstetricians, or gynecologists

## **U.S. Clinical Experience**

### **Neonatal Intensive Care Unit, Boston Children's Hospital (clinical clerkship)**

05/2018 - 06/2018 (4 weeks)

### **Pediatric Critical Care Unit, Children's Hospital of Philadelphia (observership)**

04/2018 - 05/2018 (4 weeks)

### **Pediatric Surgery, Children's Hospital of Philadelphia (clinical clerkship)**

03/2018 - 04/2018 (4 weeks)