

# Bill Yuanchen Liu

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**Dear Sir or Madame:**

My name is Bill and I am a recently graduated Master in Public Health student looking for a research analyst position with your center. During my time at the Brown School at Washington University in St. Louis, I had the privilege of attending a health policy field course that took a visit to Washington DC. There, I learned about conducting public health analysis and advocacy at the top-most level in the nation. Talking with senators on the hill and meeting professionals from some of the best think-tanks in the world only solidified my resolution in developing a career in health policy.

Hearing about the Urban Institute's name from multiple sources, including recommendations from my faculty as well as using your institution's work in my student research, I wanted to join you and learn more about health policy assessment, program evaluation, and social development. This would be an area of expertise I am exploring, and hoping I can incorporate it into my career as a public health specialist. With my experience and education, I am confident that I will be an asset to your team.

I have a strong background in diabetes and kidney health translational research, having worked under Dr. Marcello Tonelli for six years on the Canadian Kidney Disease Cohort Study. I had extensive experience on data collection, audit, query, and systematic reviews. In my other projects, I dealt with both the basic science research on the mechanisms and the meta-data analysis of infectious disease trends, which made me love my profession as a public health specialist. My experience in databases, statistics, and clinical knowledge will make me well suited to take on your projects. Furthermore, I believe in my adaptability and growth as I have worked through one of the top public health program in the country.

I look forward to hearing from you. I hope that I can get a chance to experience the work that made Urban Institute and the Health Policy Center a national and international leader in this field. Please feel free to contact me via phone or email if there is anything I can help with the process.

**Sincerely,**

**Bill Yuanchen Liu**

# Bill Yuanchen Liu

MPH, BSc

Public health professional with a strong background in infectious disease, diabetes clinical research, and translational research. Experienced in using various programming and analyses to provide innovative insights and evidence-driven recommendations for both academic and lay audiences. Refined problem solver, communicator, team worker, and detailed-oriented professional. Looking to develop skills in community disease control and post-clinical quality of life assessment that is impact-oriented and sustainable.

## Personal Info

Address
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## Skill Highlights

Statistics using R, Stata, SPSS
Qualitative analyses using NVivo
GIS and spatial analyses
Cost Benefit, policy impact analysis
Data visualization using Tableau
Microsoft Office suite
Networking in setting up conferences
Webpage modifications using python
Confocal microscopy image processing in ImageJ and Volocity
Tissue culture safety and working with Biosafety level 2 & 3 virus
Transdisciplinary project planning
Evidence-based research

## Languages

English	Native
Chinese - mandarin	Native
French	Fluency in reading and writing

## Experiences

2018-10 - present	<b>Research Assistant</b> <i>Center for Public Health Systems Science, Brown School</i> <ul style="list-style-type: none"><li>Scoping review to find team science metrics and evaluations</li><li>Conducting a systematic review on team science literature</li><li>Coordinating five reviewers, resolving conflicts and monitoring agreement</li></ul>
2018-05 - 2018-08	<b>Environmental Health Intern</b> <i>Department of Health, City of St. Louis</i> <ul style="list-style-type: none"><li>Crafting Twitter food safety messages and responding to food-borne illness complaints from citizens for the FoodSafetySTL project</li><li>Presenting and meeting with various stakeholders for buy-in</li><li>Created public promotion materials, including the City press release</li><li>Generating analytics and audience engagement feedback for 800 original tweets</li></ul>
2011-09 - 2016-06	<b>Assistant Researcher</b> <i>Kidney Health Research Group, Dr. Marcello Tonelli, University of Alberta</i> <ul style="list-style-type: none"><li>Extracting medical history and quality of life for 600 patients</li><li>Creating independent database for 500 patients on Time-TradeOff Study</li><li>Auditing database and performing self-consistency checks</li></ul>
2014-08 - present	<b>Executive Member, Board Member</b> <i>Colouring the Canadian Landscape Foundation</i> <ul style="list-style-type: none"><li>Coordinating, writing, and submitting federal Canada 150 grant, casino grants</li><li>Connecting with various parties of interest: city and municipal government, airport, and other community organizations and partners</li></ul>

## Education

2017-09 - 2019-08	<b>Master of Public Health, Brown School, Washington University in St. Louis</b> <ul style="list-style-type: none"><li>Focus in epidemiology and biostatistics, and health policy</li><li>Brown School Entrance Scholarship valuing \$20 000</li></ul>
2012-09 - 2016-06	<b>Bachelor of Science in Biology and Physical Sciences, University of Alberta</b> <ul style="list-style-type: none"><li>Honors thesis in Medical Microbiology and Immunology</li><li>Office of the Provost and VP (academic) Summer Research Award (May 2015)</li><li>Research presentations and conferences attended as part of honors research</li></ul>

## Publications

2016-06	<b>Comparison of Clinical Outcomes and Adverse Events Associated with glucose lowering drugs in patients with type 2 diabetes: A meta analysis</b>
2016-10	<b>Effect of telemedicine on glycated hemoglobin in diabetes: a systematic review and meta-analysis of randomized trials</b>