

# Kristi Chau

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## Education

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**Columbia University Mailman School of Public Health, New York, NY** Expected May 2020

*MPH in Epidemiology, Epidemiology of Chronic Diseases Certificate*

GPA: 3.95

Relevant Courses: Master's Thesis, Relational Databases and SQL, Data Science I (R), Public Health GIS, Applied

Epidemiologic Analysis, Epidemiologic Research Methods (SAS), Observational Epidemiology, Analysis of Categorical Data, Research Methods and Applications

**Boston College, Chestnut Hill, MA**

May 2016

*B.S. Biochemistry, Dean's List*

**Study Abroad: Monash University, Melbourne, Australia**

Feb - Jun 2015

## Professional Experience

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**Research Assistant, Neurology, Columbia University Irving Medical Center – New York, NY** Feb 2020 - Present

- Conduct literature review on healthcare utilization in patients with neurological disorders
- Perform data analyses in R to support research to develop interventions for epilepsy patients at high-risk for appointment no-show and reduce the rate of ED visits/hospitalizations

**Teaching Assistant, Epidemiology and Biostatistics, Columbia University – New York, NY** Sept 2019 – Present

- Present epidemiologic and biostatistical curricula to 25 students in weekly lab discussions
- Coordinate with a team of faculty and teaching assistants to prepare and develop materials to facilitate student engagement among a cohort of 400 students
- Provide personalized assistance to students in office hours

**Research Assistant, Columbia School of Nursing – New York, NY** Apr 2019 – Dec 2019

- Created and maintained a REDCap database for a study testing an mHealth application for people living with HIV
- Collaborated with research team to evaluate former Access database and identify areas of concern
- Conducted study visits with participants and recruitment to assess research team's daily workflow
- Performed data cleaning and recoding to transfer research records from Access database to REDCap
- Managed database by developing a Standard Operating Procedure (SOP) and providing technical assistance in REDCap

**Clinical Research Assistant, Beth Israel Deaconess Medical Center – Boston, MA** Sept 2016 – Sept 2018

- Managed the Glomerular Kidney Disease Registry project, prepared project plan and submitted IRB documentation
- Conducted research to create REDCap database, biobank protocols, and SOP
- Collaborated with research administrators and legal team to establish data transfer agreements
- Helped design GlomCon website (www.glomcon.org) and coordinate weekly online case conferences among nephrologists and pathologists

## Publications

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Poyan Mehr, A., Sadeghi-Najafabadi, M., **Chau, K.**, Messmer, J., Pai, R., Roy, N., Friedman, D., Pollak, M.R., Schlondorff, J., Naljayan, M., Singh, T., Lecker, S.H., Rodby, R., Germain, M., Rennke, H., Stillman, I.E. (2019) "The Glomerular Disease Study and Trial Consortium: A Grassroots Initiative to Foster Collaboration and Innovation." *KIReports*. 1:4, pp.20-29.

## Skills and Certifications

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**Computer:** REDCap; R, SAS, SQL and Python programming languages; Geographic Information Systems (QGIS); Access; Microsoft Office (Word, Excel, PowerPoint);

**Certifications:** HIPAA, CITI Human Subjects Protection and Good Clinical Practice

**Languages:** English, Chinese (Cantonese)

**Interests:** Aerial yoga, seeing Sleep No More, long cooking projects, playing the ukulele