

Stanford



Suzanne Tamang

Instructor, Biomedical Data Science

Bio

BIO

Suzanne Tamang is based at the Center for Population Health Sciences She received her Ph.D. in Computer Science from the City University of New York and completed her postdoctoral training at the Stanford's Center for Biomedical Bioinformatics.

At Stanford, Suzanne's collaborations span the Alcoa Research Consortium, the Clinical Excellence Research Center and the Stanford Cancer Institute. She is also affiliated with the Department of Rheumatology at UCSF.

ACADEMIC APPOINTMENTS

- Instructor, Biomedical Data Science

PROFESSIONAL EDUCATION

- Postdoctoral Training, Stanford School of Medicine , Biomedical Informatics (2015)
- Doctor of Philosophy, Graduate Center, City University of New York (CUNY) , Computer Science (2013)
- Master of Science, Brooklyn College, CUNY , Computer Science and Health Science (2006)
- Bachelor of Science, Brooklyn College, CUNY , Biology

LINKS

- My Website: <http://web.stanford.edu/~stamang/>

Teaching

COURSES

2018-19

- Population Health Research: HRP 275 (Win)

Publications

PUBLICATIONS

- **Application of Text Mining Methods to Identify Lupus Nephritis from Electronic Health Records**
Gianfrancesco, M., Tamang, S., Schmajuk, G., Yazdany, J.
WILEY.2020
- **Risk of primary urological and genital cancers following incident breast cancer: a Danish population-based cohort study.** *Breast cancer research and treatment*

- Sundboll, J., Farkas, D. K., Adelborg, K., Schapira, L., Tamang, S., Norgaard, M., Cullen, M. R., Cronin-Fenton, D., Sorensen, H. T.
2020
- **A Machine Learning Approach to Identifying Changes in Suicidal Language.** *Suicide & life-threatening behavior*
Pestian, J., Santel, D., Sorter, M., Bayram, U., Connolly, B., Glauser, T., DelBello, M., Tamang, S., Cohen, K.
2020
 - **Risk of primary gastrointestinal cancers following incident non-metastatic breast cancer: a Danish population-based cohort study.** *BMJ open gastroenterology*
Adelborg, K., Farkas, D. K., Sundboll, J., Schapira, L., Tamang, S., Cullen, M. R., Cronin-Fenton, D., Sorensen, H. T.
2020; 7 (1)
 - **The incidence of hematologic cancers after breast cancer. A 35-year population-based cohort study in Denmark**
Hjorth, C., Farkas, D., Schapira, L., Tamang, S., Cullen, M., Sorensen, H., Cronin-Fenton, D.
WILEY.2019: 75
 - **Risk of primary urological and genital cancers following incident breast cancer: A Danish population-based cohort study**
Sundboll, J., Farkas, D., Schapira, L., Tamang, S., Norgaard, M., Cullen, M., Cronin-Fenton, D., Sorensen, H. T.
WILEY.2019: 79
 - **Risk of primary gastrointestinal cancers following incident breast cancer: A Danish population-based cohort study**
Adelborg, K., Farkas, D. K., Schapira, L., Tamang, S., Fenton, D. C., Cullen, M., Sorensen, H. T.
WILEY.2019: 81
 - **Stress Disorders and Dementia in the Danish Population** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Gradus, J. L., Horvath-Puho, E., Lash, T. L., Ehrenstein, V., Tamang, S., Adler, N. E., Milstein, A., Glymour, M., Henderson, V. W., Sorensen, H. T.
2019; 188 (3): 493–99
 - **Using natural language processing to construct a metastatic breast cancer cohort from linked cancer registry and electronic medical records data.** *JAMIA open*
Ling, A. Y., Kurian, A. W., Caswell-Jin, J. L., Sledge, G. W., Shah, N. H., Tamang, S. R.
2019; 2 (4): 528–37
 - **Stress Disorders and Dementia in the Danish Population.** *American journal of epidemiology*
Gradus, J. L., Horvath-Puho, E., Lash, T. L., Ehrenstein, V., Tamang, S., Adler, N. E., Milstein, A., Glymour, M. M., Henderson, V. W., Sorensen, H. T.
2018
 - **Potential Biases in Machine Learning Algorithms Using Electronic Health Record Data** *JAMA INTERNAL MEDICINE*
Gianfrancesco, M. A., Tamang, S., Yazdany, J., Schmajuk, G.
2018; 178 (11): 1544–47
 - **Scalable Electronic Phenotyping For Studying Patient Comorbidities.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
Ling, A. Y., Alsentzer, E., Chen, J., Banda, J. M., Tamang, S., Minty, E.
2018; 2018: 740–49
 - **SynthNotes: A Generator Framework for High-volume, High-fidelity Synthetic Mental Health Notes**
Begoli, E., Brown, K., Srinivas, S., Tamang, S., Abe, N., Liu, H., Pu, C., Hu, Ahmed, N., Qiao, M., Song, Y., Kossmann, D., Liu, B., et al
IEEE.2018: 951–58
 - **Performance of Machine Learning Methods Using Electronic Medical Records to Predict Varicella Zoster Virus Infection**
Gianfrancesco, M., Schmajuk, G., Murray, S., Ludwig, D., Hannun, A., Avati, A., Tamang, S., Yazdany, J.
WILEY.2017
 - **Predicting patient 'cost blooms' in Denmark: a longitudinal population-based study.** *BMJ open*
Tamang, S., Milstein, A., Sørensen, H. T., Pedersen, L., Mackey, L., Betterton, J., Janson, L., Shah, N.
2017; 7 (1)
 - **Enhanced Quality Measurement Event Detection: An Application to Physician Reporting.** *EGEMS (Washington, DC)*
Tamang, S. R., Hernandez-Boussard, T. n., Ross, E. G., Gaskin, G. n., Patel, M. I., Shah, N. H.
2017; 5 (1): 5

- **New Paradigms for Patient-Centered Outcomes Research in Electronic Medical Records: An Example of Detecting Urinary Incontinence Following Prostatectomy.** *EGEMS (Washington, DC)*
Hernandez-Boussard, T., Tamang, S., Blayney, D., Brooks, J., Shah, N.
2016; 4 (3): 1231-?
- **Detecting unplanned care from clinician notes in electronic health records.** *Journal of oncology practice / American Society of Clinical Oncology*
Tamang, S., Patel, M. I., Blayney, D. W., Kuznetsov, J., Finlayson, S. G., Vetteth, Y., Shah, N.
2015; 11 (3): e313-9
- **Text Mining for Adverse Drug Events: the Promise, Challenges, and State of the Art** *DRUG SAFETY*
Harpaz, R., Callahan, A., Tamang, S., Low, Y., Odgers, D., Finlayson, S., Jung, K., LePendu, P., Shah, N. H.
2014; 37 (10): 777-790