

Postdoctoral Research Fellowship in Decision Science and Simulation Modeling

Drs. Su-Hsin Chang and Graham Colditz at the Washington University School of Medicine in St. Louis and Dr. Shi-Yi Wang at the Yale University of Public Health are currently seeking applications for a highly motivated Postdoctoral Research Associate to join the CISNET Incubator Program team to model natural history of multiple myeloma and evaluate novel intervention strategies to prevent and control myeloma and reduce myeloma health disparities.

The position involves building simulation models and working on secondary data analyses. The opportunity will provide a unique experience in building cancer modeling and working with large-scale data from multiple databases on multiple myeloma. The postdoc will have the opportunity to collaborate with clinical collaborators, NCI scientists, and research teams from other CISNET modeling groups.

Applicants with the following experience will be prioritized:

- **Conducting simulation modeling, including but not limited to decision analysis and cost-effectiveness analysis**
- **Working independently with cross-sectional and longitudinal data**
- **Quantitative modeling and/or machine learning**
- **Research productivity in manuscript writing**

However, all applications will be considered. Applications are considered on a rolling basis.

Eligibility

PhD in Decision Science, Computer Science, Engineering, Economics, Health Services Research, or a related field.

About the Division of Public Health Sciences

The division has a **strong mentoring and career development program** with a track record of successfully placing trainees. Successful applicants will be joining a vibrant cohort of postdoctoral fellows across the Division. You'll find ample opportunities to collaborate with epidemiological, clinical, basic science, statistical, and other faculty across the academic campuses of Washington University.

About the Department of Chronic Disease Epidemiology at the Yale School of Public Health

Since 2016, Yale School of Public Health has launched the Public Health Modeling Concentration, which provides training in mathematical equations and computer simulations. We also provide mentorship to the next generation of cancer policy and outcomes researchers. Successful applicants will collaborate with researchers and clinicians from across the Yale Schools of Medicine and Yale School of Public Health.



To Apply

Send by email to
chang.su-hsin@wustl.edu:

- A cover letter,
- Curriculum vitae
- List of 2-3 professional references

To learn more about the Division and our faculty, please visit: <https://publichealthsciences.wustl.edu/>

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