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# Post-Doctoral Fellow in Neuroimaging for Acquired Brain Injury

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## Posting Details

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### Posting Detail Information

<b>Working Title</b>	Post-Doctoral Fellow in Neuroimaging for Acquired Brain Injury
<b>Position Location</b>	Fort Collins, CO
<b>Research Professional Position</b>	Yes
<b>Posting Number</b>	202201214AP
<b>Position Type</b>	Admin Professional/ Research Professional
<b>Classification Title</b>	Postdoctoral Fellows
<b>Number of Vacancies</b>	1
<b>Work Hours/Week</b>	40
<b>Proposed Annual Salary Range</b>	\$53,760-\$55,373
<b>Employee Benefits</b>	Colorado State University (CSU) is committed to providing employees with a strong and competitive benefits package that supports you, your health, and your family. Visit CSU's Human Resources website for detailed benefit plan information for permanent full-time and part-time faculty and administrative professional employees in the following University benefit areas: <a href="https://hr.colostate.edu/hr-community-and-supervisors/benefits/benefits-eligibility/">https://hr.colostate.edu/hr-community-and-supervisors/benefits/benefits-eligibility/</a> & <a href="https://hr.colostate.edu/prospective-employees/our-perks/">https://hr.colostate.edu/prospective-employees/our-perks/</a> .
<b>Desired Start Date</b>	01/17/2023
<b>Position End Date (if temporary)</b>	05/17/2024
<b>To ensure full consideration, applications must be received by 11:59pm (MT) on</b>	10/10/2022
<b>Description of Work Unit</b>	The Department of Occupational Therapy is one of eight academic programs in the College of Health and Human Sciences. Colorado State University is Colorado's land grant institution and holds the Doctoral/Research University – Extensive classification from the Carnegie Commission on Higher Education. Occupational Therapy is ranked 7th in the nation and is focused on a three-part mission of graduate teaching, research and scholarly work and outreach/engagement/service. We are committed to our goal of producing nationally and internationally recognized research programs and graduates that are focused on helping people improve occupational performance and participation, thereby improving their health and quality of life throughout the lifespan. The Department has 150 doctoral students (OTD) or masters OT students (transitioning to the OTD), ~12 Ph.D. students, and ~20 faculty and staff members. Faculty in the Department of Occupational Therapy have a strong commitment to high-quality teaching and advising

and conduct innovative research with an emphasis on translational, and clinical work to improve occupational outcomes and disability. The Department of Occupational Therapy has a strong focus on community engagement and the development of occupational therapists.

**Position Summary**

Researchers in the Department of Occupational Therapy at CSU are looking for a postdoctoral research fellow in with skills in neuroimaging. fMRI and fNIRS technology will be used in this study. A background in occupational therapy and/or rehabilitation sciences will be helpful. This post-doctoral fellow will support a randomized clinical trial of yoga vs. a control group for people with brain injury. Brain imaging will be completed before and after the intervention. The trials take place at Colorado State University in Fort Collins, Colorado, as well as with community partners throughout Colorado. The postdoctoral fellow's position will involve, but is not limited to: conducting neuroimaging data collection via fMRI and fNIRS technology, conducting a randomized controlled trial, a yoga intervention, administering assessments to adults with brain injury, data analysis and interpretation, and dissemination of results (via conference abstracts and manuscripts). Responsibilities also include overseeing undergraduate and graduate research assistants and working closely with research coordinators in the recruitment of study participants and data collection. Opportunities for this position include: (i) training in a funded randomized controlled trial for adults with brain injury; (ii) mentorship from expert multi-disciplinary collaborators in the fields of occupational therapy, yoga, and brain imaging at CSU ; (iii) opportunities to be involved in community and healthcare research; (iv) encouragement and mentorship in development of an independent research program, including support for grant-writing (e.g., NIH F32); and (v) clinical contact with individuals with acquired brain injury (i.e. stroke, traumatic brain injury).

**Required Job Qualifications**

PhD in Occupational Therapy, Experimental Psychology, Cognitive Neuroscience or related field. Interest/Background in Clinical Populations. Publication Record. Experience with SPSS or comparable statistical program.

**Preferred Job Qualifications**

Neuroimaging Experience (e.g. EEG, fMRI, or fNIRS). Computer Programming Experience (e.g. Matlab, FSL, etc.). Intervention Study Experience. Grant Writing Experience – Submissions and/or Funded Proposals.

**Diversity Statement**

Demonstrated knowledge of, and relevant ability with, culturally diverse communities among potential target and constituent populations.

**Essential Duties**

**Job Duty Category**

Research Fellow

**Duty/Responsibility**

Neuroimaging data collection. Neuroimaging data analysis and interpretation.

**Percentage Of Time**

60

**Job Duty Category**

Grant and Manuscript Writing

**Duty/Responsibility**

Draft and edit manuscripts for submission to peer-reviewed journals. Assist with grant writing.

**Percentage Of Time**

40

**Application Details**

**Special Instructions to Applicants**

To apply, please submit a cover letter (no more than two pages single spaced) addressing the minimum and preferred qualifications directly to this posting, along with a CV, PhD Transcript, 1-3 Example Publication(s), and 3 named references (one reference must be from the applicant's PhD mentor). Emailed applications will not be accepted. References will not be contacted without prior notification of candidates.

**Conditions of Employment**

Pre-employment Criminal Background Check (required for new hires)

**Search Contact**

Jaclyn Stephens

**EEO Statement**

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual

orientation, gender identity/expression, or pregnancy in its employment, programs, services and activities, and admissions, and, in certain circumstances, marriage to a co-worker. The University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. Colorado State University is an equal opportunity and equal access institution and affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services. The Title IX Coordinator is the Director of the Office of Title IX Programs and Gender Equity, 123 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-1715, titleix@colostate.edu. The Section 504 and ADA Coordinator is the Director of the Office of Equal Opportunity, 101 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-5836, oeo@colostate.edu. The Coordinator for any other forms of misconduct prohibited by the University's Policy on Discrimination and Harassment is the Vice President for Equity, Equal Opportunity and Title IX, 101 Student Services Building, Fort Collins, Co. 80523-0160, (970) 491-5836, oeo@colostate.edu. Any person may report sex discrimination under Title IX to the Office of Civil Rights, Department of Education.

**Background Check Policy Statement** Colorado State University strives to provide a safe study, work, and living environment for its faculty, staff, volunteers and students. To support this environment and comply with applicable laws and regulations, CSU conducts background checks for the finalist before a final offer. The type of background check conducted varies by position and can include, but is not limited to, criminal history, sex offender registry, motor vehicle history, financial history, and/or education verification. Background checks will also be conducted when required by law or contract and when, in the discretion of the University, it is reasonable and prudent to do so.

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## Supplemental Questions

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Required fields are indicated with an asterisk (\*).

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## Applicant Documents

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### Required Documents

1. Curriculum Vitae
2. Cover Letter
3. Unofficial Transcripts

### Optional Documents

1. Publication 1
  2. Publication 2
  3. Publication 3
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## References Requested

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### References Requested

<b>Minimum Requested</b>	3
<b>Maximum Requested</b>	3