**Clinical Psychology Training Programs at Brown: A Consortium of the
Providence VA Medical Center, Lifespan, and Care New England
Postdoctoral Fellowship Training Program
Postdoctoral Fellowship Description: RESEARCH FOCUS**

Title:	Postdoctoral Fellowship in Behavioral Interventions for Cardiovascular Health
	APA-accredited: __YES X NO
Site:	The Miriam Hospital
Supervisor(s):	Elena Salmoirago-Blotcher, M.D., Ph.D. – Primary Supervisor
	Emily Gathright, Ph.D. – Secondary Supervisor

Description of Site
This postdoctoral fellowship position is based at The Miriam Hospital, in association with The Mind & Heart Lab, under the direction of Dr. Elena Salmoirago-Blotcher, M.D., PhD. The Miriam Hospital is a private, not-for-profit hospital and a major teaching affiliate of the Warren Alpert Medical School of Brown University. Research conducted at The Mind and Heart Lab focuses on the study the of psychological determinants of cardiovascular (CV) disease and identification of the mechanisms whereby mind-body interventions can improve CV health behaviors by targeting the upstream factors – stress, self-regulation, cognitive function – which affect CV health. Dr. Salmoirago-Blotcher is a senior research scientist with a primary appointment in Medicine and a secondary appointment within the Department of Psychiatry and Human Behavior (DPHB). She has been providing research mentorship to trainees within the Clinical Psychology Training Program for the last twenty years, including as a senior mentor for the T32 Training Grant in Cardiovascular Behavioral Medicine (PI: Wing).

Fellowship Aims
The Mind and Heart Lab is looking for a postdoctoral scholar with interests in heart failure self-care, cognitive impairment in patients with heart failure, interoception, and/or mindfulness interventions in cardiovascular disease. The position (2 years) is funded by an R01 grant (1R01AG076438-0), targeting cognitive function and interoceptive awareness to improve self-management in patients with co-morbid heart failure and cognitive impairment. At least 2 years' experience in cardiovascular behavioral medicine (broadly defined) and familiarity with data analysis (R, STATA, or SAS) are required.

1. To provide the fellow with a strong working knowledge of translational science, including the integration of biological mechanisms, multi-modal data, and behavioral interventions for patients with CV disease.

2. To provide the fellow with research training in preparation for a translational research career in CV behavioral medicine focused on the design of well-designed intervention studies based on rigorous physiological and behavioral conceptual models.

Fellowship Timeline
The duration of the fellowship is 2 years, contingent upon satisfactory progress during the first year.

Research Activity Plan

90% of the Fellow's time will be spent on research activities including collaborating on and conceptualizing research projects; analyzing intervention data; writing scientific manuscripts for publication and presentations. A combination of in-person and remote work is anticipated in accordance with the requirements of the postdoctoral fellowship training program. The Fellow will be exposed to various aspects of research in this area through participation in the following activities:

- **Literature Review (5%).** Review of relevant literature in CV behavioral science, mindfulness interventions for CV disease, and related fields
- **Study Coordination (30%).** Coordination and fidelity monitoring of the study intervention, management of HRV, cognitive and interoception data, assisting with other study tasks as needed
- **Team Activities (5%).** The fellow will be required to participate and contribute to weekly team meetings (Tuesday 1-2 pm)
- **Data Analysis and Manuscript Preparation (30%).** The fellow will lead data analyses for the project with support from Dr. Salmoirago-Blotcher and the study team.
- **Independent research activities (20%).** Individually tailored goals will be established, including development of collaborative manuscripts, conference presentations, attending trainings, writing for media or a general audience, policy advocacy, and grant proposals.

Clinical Activity Plan

There is no requirement for clinical training as part of the position.

Path toward licensure: YES____ NO__X__

Didactics (10%)

Postdoctoral Seminars: The fellow will participate in the following postdoctoral seminars through the Postdoctoral Fellowship Training Program.

       Mandatory Didactics:
              Grant writing Seminar (1 per week)
              DPHB Academic Grand Rounds (1 per month)
              Mind and Heart Lab journal club meetings (2 per month)
              RFP Core Seminar (1 per week)
              Postdoc Core Seminar (1 per Month)

       Optional Didactics and Opportunities:
              Special topics in statistics
              Alcohol Center seminars
              DPHB Diversity Mentoring Program – including opportunities for mentorship from faculty within DPHB conducting work in areas of interest

Supervision and Evaluation

Research supervision will be provided in the form of both individual and group supervision. Individual research supervision will be provided weekly by Dr. Salmoirago-Blotcher or Dr. Gathright. Supervision may be conducted in person or using teleconference technology. Group supervision will involve attendance at weekly research team meetings. Every 6 months for the duration of the fellowship, the fellow and the supervisors will provide formal evaluations, and evaluations of the program relative to the goals and learning objectives of the fellowship.

Please visit the **Brown Faculty** page to view supervisor profiles.

Resource Requirements
Fellow will be provided with the following resources:

- Access to space to complete research responsibilities
- A computer and project specific software
- Internet access
- Telephone
- Travel to one conference per year will be supported up to $1,500

Reporting and approval
This fellowship will be part of the Research Fellowship Program. The position has been discussed and approved by the RFP faculty and Training Committee.

Associate Director, Research Fellowship Program

Director, Postdoctoral Fellowship Training Program