



HARVARD

BWH PULMONARY VASCULAR DISEASE THE BURKE ADVANCED FELLOWSHIP

The Burke Advanced Fellowship in Pulmonary Heart Disease at The Brigham and Women's Hospital and Harvard Medical School—invites applications for an advanced fellowship in pulmonary heart disease starting July 1, 2026. This training program is sponsored by the Center for Pulmonary Heart Disease at the Brigham and Women's Hospital. The position offers an intensive clinical experience including evaluation and management of both inpatients and outpatients with pulmonary vascular disease and right heart dysfunction or failure. In addition, applicants are strongly encouraged to participate in a translational or clinical research program.

Applications are invited from physicians who have completed an ACGME accredited fellowship in either pulmonary and critical care medicine or cardiovascular medicine. It is designed to prepare trainees for academic careers with a focus on pulmonary heart and vascular disease. Supervision and teaching is provided by faculty from the Divisions of Pulmonary Critical Care Medicine, Cardiac and Thoracic Surgery, and Cardiology from both the Brigham and Women's Hospital and Boston Children's Hospital.

The duration of the fellowship is one to two years. Clinical fellows participate in a year long program and are fully funded. Fellows pursuing a combined clinical and research program are expected to complete two years of training. Full funding is provided during the first and second years. Faculty will assist fellows in applying for grant funding for salary and project support during the second year of training.

Goals of the Training Program

1. Gain core competency in pathophysiology, assessment, diagnostics, and treatment of pulmonary heart diseases
2. Understand the initial inpatient and outpatient workup, management, and long-term follow-up of patients with pulmonary heart diseases
 1. Right heart failure due to pulmonary vascular diseases and end stage lung disease of various etiologies
 2. In collaboration with the advanced heart failure program, left heart failure, with reduced or preserved ejection fraction of various etiologies and severities
 3. Impact of end stage lung disease on the right heart system
3. Understand and implement disease management strategies, including pharmacologic, electrical device and mechanical circulatory support, pulmonary thromboendarterectomy, as well as lung and heart-lung transplant options for this patient population
4. Understand the indications and interpretation of right heart catheterization, various imaging modalities including echocardiography, CT scan, MRI, and PET, pulmonary function testing, invasive cardiopulmonary exercise testing, and angiography
5. Understand arrhythmia mechanisms and management (pharmacologic, interventional and

device-based) in patients with pulmonary heart disease

6. In collaboration with the heart and lung transplant programs, learn donor management skills and donor procurement procedure and processes, as well as understanding the intraoperative procedures for lung and heart-lung transplantation and mechanical circulatory devices such as ventricular assist and ECMO
7. Become aware of contemporary and investigational therapies for pulmonary hypertension and participate in primary research projects.

Harvard Medical School and Mass General Brigham / Brigham and Women's Hospital are equal opportunity, affirmative action employers, and welcomes applications from all qualified candidates.

To Apply-

- Provide a copy of an updated CV
- Provide a cover letter
- Provide 3 letters of recommendations
- **Deadline- May 31st, 2025, with interviews scheduled to take place in June**

For additional information or to submit an application, please contact:

Somer Kouzbari

Education Programs Manager

Division of Pulmonary and Critical Care Medicine

Brigham and Women's Hospital

E-mail: skouzbari@bwh.harvard.edu

Telephone: 617-732-5025

Sincerely,

Elizabeth Gay, M.D.

Fellowship Director, Burke Advanced Fellowship in Pulmonary Heart Disease

Harvard Medical School

Pulmonary Vascular Disease Program

Pulmonary and Critical Care Medicine

Brigham and Women's Hospital

egay@bwh.harvard.edu

Aaron B. Waxman, MD, PhD

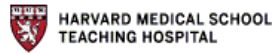
Director, Pulmonary Vascular Disease Program

Executive Director, Center for Pulmonary-Heart Diseases

Pulmonary and Critical Care Medicine

Brigham and Women's Hospital

abwaxman@bwh.harvard.edu



Mass General Brigham