

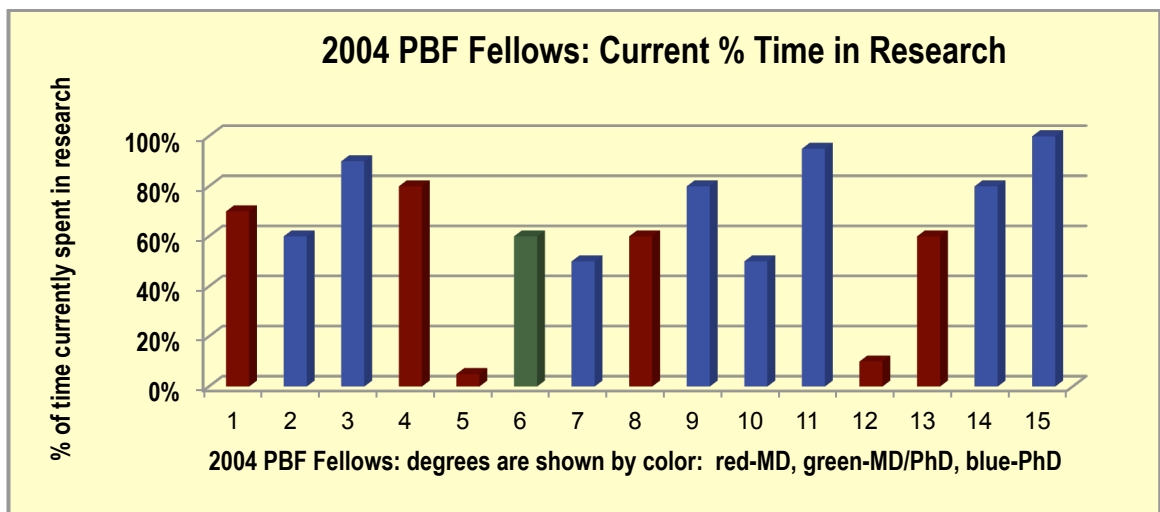


PARKER B. FRANCIS FELLOWSHIP PROGRAM

Survey of 2004 PBF Fellows

Conducted in July-August 2012

We are happy to report a 100% survey response rate from the fifteen 2004 PBF Fellows who completed their PBF Fellowship in June 2007. All fifteen of the 2004 PBF Fellows continue working in research; all but one continue with research relevant to lung diseases. Only two respondents report less than 50% time in research. Thirteen of the 15 respondents hold Assistant or Associate Professor faculty positions at universities. One PhD respondent works as a research scientist with a pharmaceutical company studying type II diabetes and one MD respondent (a Mexican citizen) is a research scientist at the National Cancer Institute of Mexico conducting genetics research relevant to lung cancer. The chart below shows percent of time currently spent in research; the degrees held are shown by color, red for MDs, green for MD/PhDs, and blue for PhDs.



RESEARCH FUNDING AND PUBLICATION PRODUCTIVITY

The fifteen 2004 PBF Fellows have received \$27.8M direct research dollars in the eight years since their PBF Fellowship award. The cost of supporting this group of fellows was \$1.89M, yielding a multiplier (ROI) of 14.7. Ten of the 15 respondents have received one or more NIH K or R level awards. The group of fifteen 2004 PBF Fellows showed a very high publication productivity with an average of 3.9 peer-reviewed publications per year, and 2.1 peer-reviewed publications per year as 1st, 2nd or last author. The group reports 289 peer-reviewed publications in the eight years since the beginning of their PBF Fellowship.

2004 PBF Fellows Survey conducted July-August 2012

A number of the reported publications appear in high-impact scientific journals (see table below). A scientific journal's impact factor is a measure reflecting the average number of citations to recent articles. It is frequently used as a proxy for the relative importance of a journal within its field, with journals with higher impact factors deemed to be more important than those with lower ones.

2004 PBF Fellows: Peer-reviewed publications in high-impact journals since PBF Fellowship		
Journal	Impact Factor	Number of Publications
New England Journal of Medicine	53.30	2
Lancet	38.29	1
Science	31.36	3
Nature Immunology	26.01	1
Nature Neuroscience	15.53	1
Journal of Clinical Investigation	13.07	2
Blood	10.56	6
American Journal of Respiratory & Critical Care Medicine	10.19	5
Proceedings of the National Academy of Sciences	9.68	2
Journal of Immunology	5.79	21
American Journal of Respiratory Cellular & Molecular Biology	5.13	18
Infection & Immunity	4.17	8
Am Journal of Physiology: Lung Cellular & Molecular Physiology	4.14	21

CONCLUSIONS

This survey was very successful with a 100% response rate. Thirteen of the 15 respondents continue to spend the majority of their time in research; and all but one are in academic environments. They have been productive, both in terms of publications and grant funding. The fifteen awardees report receiving more \$27.8M in direct research funding in the eight years since receiving the PBF Fellowship award. The cost of supporting this group of fellows was \$1.89M. In other words, this group has already received more than fourteen times the research funding the Francis Family Foundation invested to support their fellowships.

The 2004 PBF Fellow survey respondents' comments on what the PBF Fellowship has meant to their careers:

The PBF award was the first major grant that I wrote myself and was awarded. It greatly accelerated and fostered my mentored pathway to independence. The award allowed me to continue to be mentored in research. It opened doors to future lines of funding, in large part due to its prestige. I have since gained complete independence as an investigator.

The PBF Fellowship provided the salary support necessary to enable me to continue my post-doctoral studies.

The PBF fellowship provided great support for my early research training, and the funding was crucial for the development of my research career in pulmonary research.

The support of the PBF Fellowship had an important role in the formation of this research group in Mexico.

The PBF fellowship was my first successful grant application. It gave me significant research support at a critical time in my career. Based on the support of the PBF, my research program has flourished and we are now poised to meet the significant challenge of performing high quality translational research.

The PBF Fellowship gave me salary support and recognition as a grantee, which helped me obtain my next grant, which was an AHA-Beginning Grant in Aid. The PBF Fellowship was invaluable in launching my research career.

Simply put, the Parker B. Francis Fellowship Program gave me the foundation for my research career – without it, I know that I would not be in pulmonary research. It was my initial funding at the end of my fellowship that allowed me to become faculty and launch my research career.

The PBF fellowship award has allowed me to generate sufficient preliminary data to successfully obtain research funding from ATS/Pulmonary Hypertension Association. The PBF award has also prepared me for submitting my RO1 and VA Merit Review grants, both of which have received an encouraging score.

PBF Fellowship helped established me as a high level scientific researcher. This backing helped the transition to a career in biotechnology and clinical research.

The PBF Fellowship award played a key role in the initiation and advancement of my research career.

The PBF Fellowship really helped kick start my research career.

The PBF Fellowship played a critical role by providing mentorship and support during the transition to become an independent investigator.

The PBF Fellowship was instrumental in my career advancement in lung research. Not only did it provide financial support, the network of previous and current PBF mentors and trainees provided a nurturing environment for career advice and development.

The PBF Fellowship helped me obtain a faculty position as an Assistant Professor.