

National Institute for Biomedical Imaging and Bioengineering

Workforce Plan: FY 2002-2003

On April 20, 2001, the Secretary of the Department of Health and Human Services approved the establishment of the National Institute of Biomedical Imaging and Bioengineering (NIBIB) at the National Institutes of Health.

The staffing skills needed relate to the three strategic elements of NIBIB's mission, which are to: (1) develop fundamental new knowledge in bioengineering and biomedical imaging science; (2) foster the creation of potent new technologies that can be applicable to the breadth of NIH's biomedical research; and (3) nurture researchers who are able to integrate the quantitative sciences with biomedical research. To accomplish these goals in creating programs on the cutting edge of research and innovation, NIBIB needs staff who possess Ph.D.- and M.D.- level training across the disciplines for which engineering and imaging science are central (e.g. biomedical engineering, physics, mathematics, radiology, materials science, reparative medicine, surgery, and information science); who are skilled in administration of research programs in science, engineering, and technology; who are skilled in developing and executing programs of communication and multidisciplinary collaborations; and who are skilled in disseminating research opportunities and accomplishments to the scientific community, policymakers, health care providers, media, and Congressional staff. To build extramural research and research training programs in this newest Institute of the NIH, emphasis will be on hiring scientific and engineering specialists to manage portfolios for development of (a) new imaging technologies, probes, and contrast agents, (b) biomaterials and tissue engineering, and (c) biosensors and nanoscale systems. To accomplish development and implementation of these new research programs, NIBIB also needs lower-level support staff to help with general implementation of these activities and administrative management of grant portfolios. Support staff will also handle the logistical arrangements for NIBIB's activities, including Advisory Council meetings, scientific conferences and workshops, grantee meetings, and interactions with other NIH Institutes and federal government agencies.

Because the NIBIB is a newly established Institute, it is too early to predict what changes and skill sets, if any, are expected within the next two fiscal years. The current focus is to get the Institute staffed to the extent possible with individuals who possess the skills indicated above in order to achieve the mission of the Institute. This workforce plan will be reviewed in April 2002 to identify any necessary additions or revisions.

NIBIB Hiring Plans for FYs 2002/2003

	FY 2002	FY 2003	Total
INTRAMURAL			
Senior Investigators ¹	0	0	0
Investigators ¹	0	0	0
Other MD/PhDs, in FTE positions	0	0	0
Other MD/PhDs in non-FTE positions (IRTA, VF)	0	0	0
Other lab/clinical staff => GS-13	0	0	0
Other lab/clinical staff =< GS-12	0	0	0
Admin/support staff => GS-13	0	0	0
Admin/support staff =< GS-12	0	0	0
Infrastructure support => GS-13	0	0	0
Infrastructure support =< GS-12 ²	0	0	0
Summer and other temps not listed above (include summer IRTAs)	0	0	0
TOTAL INTRAMURAL	0	0	0
EXTRAMURAL			
HSA/SRAs and other senior level science administrators => GS-13	6	7	13
Other science administration positions =< GS-12	0	0	0
Grants Management and R&D Contract Staff => GS-13 ³	0	0	0
Grants Management and R&D Contract Staff =< GS-12 ³	0	0	0
Administrative and support staff => GS-13	4	3	7
Administrative and support staff =< GS-12	2	6	8
Infrastructure support => GS-13	0	0	0
Infrastructure support =< GS-12 ²	0	0	0
Summer and other temps not listed above	0	0	0
TOTAL EXTRAMURAL	12	16	28
IC TOTAL	12	16	28
¹ Using OIR professional designations			
² Include all wage grade positions related to infrastructure in this group			
³ Includes 1101, 1102, 301 and 303 series where individual is engaged in these activities on a full-time basis.			