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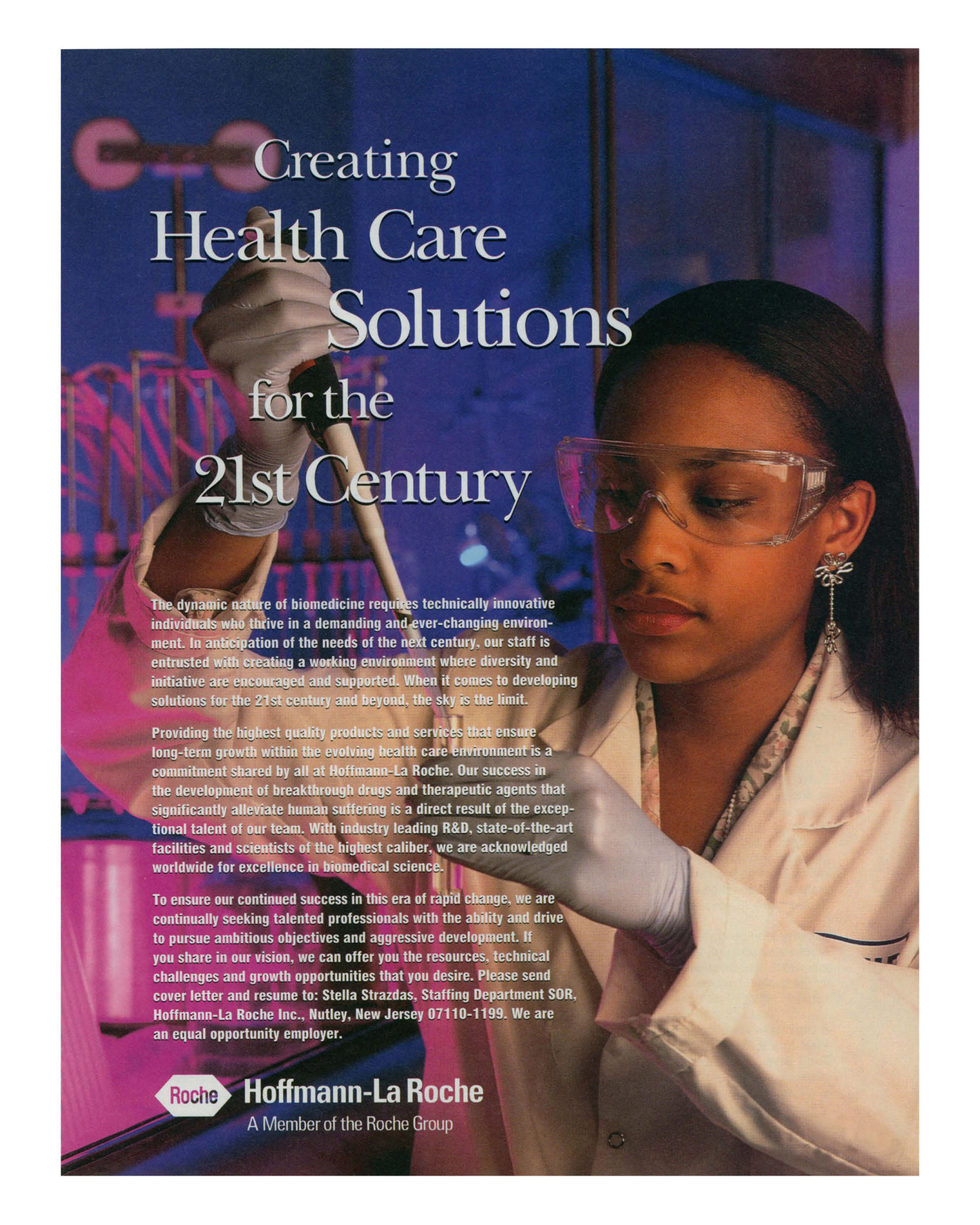
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A woman with dark hair, wearing a white lab coat, safety goggles, and white gloves, is working in a laboratory. She is holding a pipette and appears to be transferring liquid into a small vial. The background is a blurred laboratory setting with various equipment and glassware.

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Cell Signaling - Recruitment of four individuals is expected to sustain the continuing development of a critical mass of investigators studying cell signaling at the institution. Scientists who merit primary appointments in any of the basic science departments (anatomy and cell biology, biochemistry, biomedical sciences, microbiology, pharmacology, and physiology) who are studying biophysical and cell biological approaches to unravel molecular interactions in major cellular signaling pathways are particularly encouraged to apply. Selected candidates will be expected to participate in the further development of molecular neuroscience at the College.

Human Genetics - Three molecular geneticists with research interests in developmental genetics, DNA diagnosis and human disease gene mapping/positional cloning are being recruited to enhance human genome research at the College. Candidates are sought who can interact with a wide range of researchers in clinical and basic sciences and who can contribute to the development of a Ph.D. program in genetics.

Oral Biology - Recruitment of two clinical and two basic scientists is aimed at further development of a Regional Research Center for Minority Oral Health (RRCMOH) at Meharry Medical College. Preference will be given to clinical scientists with training and research experience in periodontics, endodontics, and prosthodontics. Candidates using current cell and molecular biology approaches to elucidate underlying mechanisms of dental caries, periodontal disease, and tissue development and repair are of particular interest, although individuals whose research interests are in other areas of oral biology, including pain and dental biomaterials will also be considered.

Environmental Health and Toxicology - Two toxicologists and one environmental health scientist are being recruited to complement existing expertise at the College. Individuals are sought with research interest in reproductive and/or developmental, immunological, neurological/behavioral toxicology, general toxicology of specific agents, environmental exposure, risk assessment or environmental epidemiology.

HIV and HIV-Associated Infections - Two individuals are being recruited to expand a cadre of individuals at Meharry with expertise and commitment to HIV/AIDS research. Recruitment of a virologist studying the molecular biology of HIV or HIV-related viruses and a microbiologist studying the pathogenesis of mycobacteria are of particular interest. However, applications from individuals studying DNA or RNA viruses whose pathogenic mechanisms may help elucidate the progression of HIV infection or HIV-associated opportunistic organisms other than mycobacteria will also be considered.

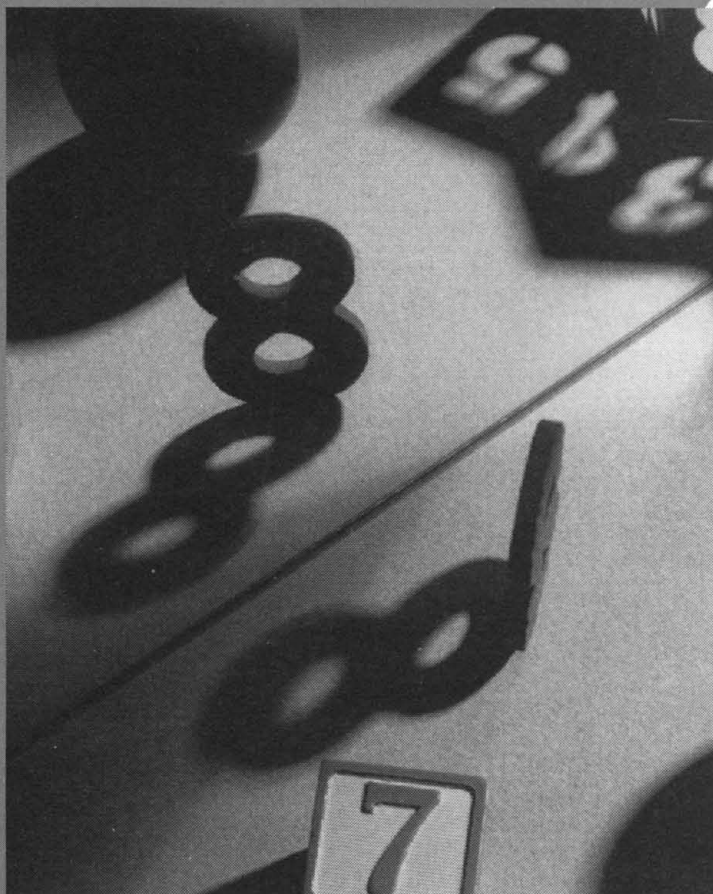
For all of the positions, individuals are sought who can interact with a wide range of researchers in both clinical and basic sciences. Candidates must have a Ph.D. and/or M.D. or D.D.S. degree(s) and postdoctoral experience in one of the areas targeted for expansion. Candidates for senior faculty positions must have a record of excellence in research and teaching. Applicants for junior faculty positions must demonstrate evidence of their ability to conduct independent research and show potential for excellence in teaching. Appointments, start-up funds, and laboratory space in appropriate basic and/or clinical science departments are available for establishing a vigorous research program. All appointees will be expected to develop and sustain productive extramurally funded research programs and to participate in the professional and graduate teaching programs of the College. These positions are expected to be filled during the 1996-97 and 1997-98 academic years.

Meharry Medical College, founded in Nashville, Tennessee in 1876, is a historically black health sciences center that enrolls approximately 800 students in programs leading to the M.D., D.D.S., M.S., and Ph.D. degrees. Meharry's commitment to students from underrepresented groups is expressed in its mission statement. In light of its special concern for the health of minorities and the disadvantaged, Meharry emphasizes diseases and health conditions that disproportionately affect ethnic minority populations in its programs of basic, clinical and applied research.

A curriculum vitae, description of research interests, and three letters of reference should be sent by May 31, 1996 to: **Fred Jones, Ph.D., RCMI Program Director, and Vice President for Research, Meharry Medical College, 1005 D.B. Todd Blvd., Nashville, TN 37208.** Applications will be evaluated by the search committee appropriate to specific targeted areas. *Meharry Medical College is an Equal Opportunity/Affirmative Action Employer. Women and members of underrepresented minority groups are especially encouraged to apply.*

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Up to five years of support for full-time graduate study toward a Ph.D. degree in the areas of biostatistics, cell biology, epidemiology, genetics, immunology, neuroscience, or structural biology. Applicants must not have completed the first year of postbaccalaureate graduate study in biology. *Application deadline: early November.*

Postdoctoral Research Fellowships for Physicians

Three years of support for training in fundamental research subsequent to at least two years of postgraduate clinical training and no more than two years of postdoctoral research training. *Application deadline: mid-December.*

Research Training Fellowships for Medical Students

An opportunity for medical students in the United States to explore a burgeoning interest in fundamental research. Support is awarded for one year of full-time fundamental research in a laboratory at the student's medical school or another institution (except NIH in Bethesda, Maryland). *Application deadline: early December.*

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1997 Program Announcements and Applications

For Predoctoral Fellowships:

Hughes Fellowship Program
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National Research Council
2101 Constitution Avenue
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Fax: (202) 334-3419
E-mail: infofell@nas.edu

For Other Programs:

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Office of Grants and Special Programs
Department AL97
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