Vetsuisse Faculty

Professorship in Veterinary Pharmacology (open rank)

The Institute of Veterinary Pharmacology and Toxicology of the Vetsuisse Faculty University of Zurich, offers a faculty position in Veterinary Pharmacology. The position is advertised as a professorship, open rank with tenure track (Assistant or Associate or Full Professor, depending on prior achievements).

Requirements: Applicants are expected to have a degree in veterinary medicine, medicine, biology or another closely related field in the life sciences and, in addition, a PhD or habilitation or equivalent. Applicants should demonstrate a strong and promising research program in pharmacology (preferably in molecular pharmacology) and a proven record in successful acquisition of extramural funding.

Experience in teaching undergraduate and graduate students is required; teaching will be coordinated with the Professor in Toxicology and the Division of Veterinary Pharmacology and Toxicology of the Vetsuisse Faculty University of Berne. Prior mentoring of graduate students is desirable. The successful candidate is expected to contribute to the service work offered by the Institute of Pharmacology and Toxicology.

More detailed information can be obtained from the Dean’s office of the Vetsuisse Faculty University of Zurich.

Ideally, applicants should be fluent in English and German, although knowledge in German can also be acquired within a reasonable time period.

Younger applicants are particularly encouraged to apply. The University of Zurich strives to increase the percentage of women in leading positions and therefore strongly encourages qualified female researchers to apply.

Application process: Applicants are kindly invited to respond no later than May 30, 2013, by sending the following information as a complete package in English: cover letter outlining concepts for research, teaching and service work, curriculum vitae incl. structured list of publications and extramural funding; copies of relevant examinations.

Please supply a hardcopy and one comprehensive PDF-file on CD-ROM or USB key (please, no online applications) to:
University of Zurich, Vetsuisse Faculty, Dean’s Office, Ms. Silvia Kaufmann, Winterthurerstrasse 204, CH-8057 Zürich, Switzerland
e-mail: dekanat@vetadm.uzh.ch
Are you looking for an exciting academic career opportunity in one of the most beautiful cities in the world?

TU Dresden - one of the German Universities of Excellence - seeks to fill up to ten

OPEN TOPIC TENURE TRACK PROFESSORSHIPS

These professorial positions are not targeted at specific areas of expertise or particular academic disciplines. The sole selection criteria are scientific excellence, innovation and the potential to advance research activities at TU Dresden. We are particularly looking for younger candidates who have already demonstrated an exceptional potential and who work in interdisciplinary research fields. However, applications from well-established researchers who bring exceptional added value to the portfolio of TU Dresden are also welcome. International applications are especially sought after. We particularly encourage applications from women and minorities. More information about this program as well as about the Institutional Strategy of the university can be found at http://tu-dresden.de/exzellenz/zukunftskonzept.

Minimum requirements are a doctoral degree and publications in leading academic journals. Appointments are possible at different academic levels, depending on previous experience. Upon positive evaluation after the initial five-year appointment, the professorship will become tenured.

In addition to their CV (including awards and other honors), the applicant should include their publication list, a summary of past and future research, their vision for teaching, details on third-party funding, and a brief statement of how the applicant would contribute towards the university’s on-going ambition for international excellence.

The deadline for applications is May 15th, 2013. Please address all correspondence to:

Technische Universität Dresden
The Rector
- personal/confidential -
Application Open Topic Professorship
01062 Dresden
Germany

Alternatively, applications may be sent by email to rektor@tu-dresden.de, indicating “Application for Open Topic Professorship” in the subject line.

TU Dresden has established itself as a comprehensive university with a broad range of academic subjects and an internationally renowned research portfolio. The City of Dresden is famous for its beauty and world-class cultural and scientific environment. Details may be found at http://home.meinestadt.de/dresden/attraktivitaets-ranking.

… we are looking forward to your application!
To Dr. Shirley Malcom, born and raised in the segregated South more than 65 years ago, a career based on her studies in science seemed even less likely than the launch of the Soviet’s Sputnik. But with Sputnik’s success, the Space Race officially started and, in an instant, brought a laser-like focus to science education and ways to deliver a proper response. Not long after, Dr. Malcom entered the picture.

Although black schools at the time received fewer dollars per student and did not have sufficient resources to maintain their labs at a level equivalent to the white schools, Dr. Malcom found her way to the University of Washington where she succeeded in obtaining a B.S. in spite of the difficulties of being an African American woman in the field of science. From there she went on to earn a Ph.D. in ecology from Penn State and held a faculty position at the University of North Carolina, Wilmington.

Dr. Malcom has served at the AAAS in multiple capacities, and is presently Head of the Directorate for Education and Human Resources Programs. Nominated by President Clinton to the National Science Board, she also held a position on his Committee of Advisors on Science and Technology. She is currently a member of the Caltech Board of Trustees, a Regent of Morgan State University, and co-chair of the Gender Advisory Board of the UN Commission on Science and Technology for Development. She has held numerous other positions of distinction and is the principal author of *The Double Bind: The Price of Being a Minority Woman in Science*.

Of her active career in science, Dr. Malcom says, “I guess I have become a poster child for taking one’s science background and using that in many other ways: we ask questions; we try to understand what we find; we consider what evidence we would need to confirm or refute hypotheses. And that happens in whatever setting one finds oneself.”

At *Science* we are here to help you in your own scientific career with expert career advice, forums, job postings, and more — all for free. Visit *Science* today at ScienceCareers.org.
The NIH is the center of medical and behavioral research for the Nation—making essential medical discoveries that improve health and save lives.

Are you a top-level Scientific Researcher or Scientific Administrator seeking a career at one of the preeminent biomedical research institutions in the Nation and the world? Are you at that point in your career where you’re ready to “give back?” The position of Associate Director for Data Science (ADDS), Office of the Director (OD), National Institutes of Health (NIH), offers a unique and exciting opportunity to provide critical leadership for basic and translational research. The era of “Big Data” has arrived for the biomedical sciences. There is an urgent need and, with it, spectacular opportunities for NIH to enhance its programs in data science, such as those involving data emanating from different sources (e.g., genomics, imaging, and phenotypic information from electronic health records). The ADDS provides a vision for the utilization and extraction of knowledge from the data generated by, and relevant to, NIH research, and advises experts throughout the agency on a variety of complex, unique, and/or sensitive situations and issues in data science to ensure continual achievement of NIH’s dynamic biomedical research mission.

We are looking for applicants with senior-level experience who have a commitment to excellence and the energy, enthusiasm, and innovative thinking necessary to lead a dynamic and diverse organization. The successful candidate for this position will be appointed at a salary commensurate with his/her qualifications. Full Federal benefits will be provided including leave, health and life insurance, long-term care insurance, retirement, and savings plan (401k equivalent).

If you are ready for an exciting leadership opportunity, please see the detailed vacancy announcement at http://www.jobs.nih.gov (under Executive Careers). Applications will be reviewed starting May 13, 2013, and will be accepted until the position is filled.

THE NATIONAL INSTITUTES OF HEALTH AND THE DEPARTMENT OF HEALTH AND HUMAN SERVICES ARE EQUAL OPPORTUNITY EMPLOYERS

Faculty Positions in Theoretical and Computational Neuroscience at Ecole polytechnique fédérale de Lausanne (EPFL)

The School of Life Sciences at EPFL invites applications for two positions of tenure track Assistant Professor in Computational Neuroscience. In exceptional cases of more senior profiles, appointment at the level of associate or full professor may also be considered.

The search is broad, but research areas of particular interest are:

- Machine learning tools for computational neuroscience such as data-driven modeling, data analysis, optimization of neuron models, regularization, or large-scale neuroscience data analysis

- Theory and simulation of cognitive brain processes including theories of risk and decision-making, models of memory formation or working memory, learning, attention and emotion.

Candidates with other profiles are also considered

EPFL is committed to excellence in teaching and research and provides a dynamic environment including the Brain Mind Institute of the School of Life Sciences, the School of Computer and Communication Sciences, the Center for Neuroprosthetics, as well as the recently established Neapolis initiative, together with the Universities of Lausanne and Geneva. The successful candidate is expected to develop an independent and competitive research program in a multidisciplinary environment and engage with researchers in related fields across the EPFL campus, as computer science, machine learning, scientific computing, neuropahtologies, mathematical finance, human brain imaging, psychophysics, and the Human Brain Project.

Applications including letter of motivation, curriculum vitae, publication list, concise statement of research and teaching interests as well as the names and addresses (including email) of at least five references should be submitted in PDF format via the website:

http://comp-neurosci.epfl.ch

While the committee will start analyzing applications on August 15th, 2013, the search will remain open until the positions are filled.

For further inquiries you may contact Prof. Wulfram Gerstner (chair of search committee) at comp-neurosci.search@epfl.ch

For additional information, please consult http://sv.epfl.ch/home and http://www.epfl.ch

EPFL is committed to expanding the ranks of women on its faculty, and qualified women are enthusiastically encouraged to apply.
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers

AAAS + u = Δ
ASSOCIATE CENTER DIRECTOR FOR BASIC SCIENCE

Moffitt Cancer Center is seeking applicants for a faculty appointment at the level of Associate Center Director (ACD) for Basic Science. The successful candidate will direct all Research Programs and Shared Facilities assigned to the Division of Basic Science of the Moffitt Research Institute (MRI). The ACD sets strategic direction and priorities in basic science research and is accountable for the performance and results of Basic Science; decisions have a direct impact on the MRI and Moffitt Medical Group with implications to the entire organization. The ACD maintains an active research program funded principally by extramural grants, publishes original reports in peer-reviewed journals, contributes service to professional societies and contributes to teaching and mentoring of faculty, staff, fellows and graduate students. The ACD reports to the Center Director and provides leadership and direction through Department Chairs, Program Leaders, Shared Resource Leaders, Vice Presidents, Directors and Faculty.

12902 MAGNOLIA DRIVE, TAMPA, FL 33612
1-888-MOFFITT | MOFFITT.ORG
Moffitt Cancer Center provides a tobacco-free work environment. We are an equal opportunity, affirmative action employer and a drug free workplace.

REQUIREMENTS
Qualified applicants will have an M.D. or Ph.D. in a field relevant to cancer research, as well as 10+ years’ experience in leadership in a Cancer Center and/or academic setting and in grant management. In addition, the successful candidate will have a proven ability to manage programs and supervise multi-level staff, and collaborate at a senior level with other Associate Center Directors, Vice Presidents and Managers. Preference will be given to internationally recognized researchers with active laboratories and NIH funding.

For further details and to apply, visit MOFFITT.org/Careers

Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India
http://www.jncasr.ac.in

Faculty positions in Advanced Materials Science and Chemistry

The Chemistry and Physics of Materials Unit and the New Chemistry Unit at the Jawaharlal Nehru Centre for Advanced Scientific Research, (JNCASR), Bangalore, invites applications from Indian nationals for the position of Faculty Fellow (equivalent to an Assistant Professor) in the fields of (a) experimental materials science (especially in energy or biomaterials) and (b) synthetic biology. Candidates must have excellent academic credentials throughout their career and are expected to develop independent, high quality research programmes.

Applicants should have a Ph.D. in chemistry/physics/related branch of engineering and a minimum of three years of postdoctoral research experience. Please send your (a) curriculum vitae, (b) two-page research plan and (c) names of five referees to:

Faculty Search,
Materials and Chemistry,
Jawaharlal Nehru Centre for Advanced Scientific Research
Jakkur, Bangalore-560 064, INDIA
Email: ncesearch@jncasr.ac.in

Universität Regensburg

The University Regensburg, Germany, Faculty of Medicine, invites applications for a

W 3-Professorship (Chair)
in Interventional Immunology

The successful candidate will head the newly installed Department for Interventional Immunology at the Medical Faculty of the Regensburg University. The position is the initial W3-Professorship of the Regensburg Center for Interventional Immunology (www.rci.de), an interdisciplinary research center for the development of novel immunotherapies against cancer, infections and autoimmune diseases. The successful candidate is expected to lead and transform the RCI into an independent research institute collaborating closely with the University of Regensburg and its University Hospital.

We are seeking a scientist with an excellent record in the field of transplantation immunology with a focus on cellular and molecular mechanisms of allogeneic solid organ and/ or allogeneic stem cell transplantation. Though primarily a basic research position focused on the development of innovative immunological treatment strategies in transplantation, the candidate should be able to support translational research and early clinical trials in cooperation with the respective clinical centers at the University Hospital Regensburg. Furthermore, competence for developing the RCI into an independent research institute is expected.

Required qualifications for applicants include a university degree, demonstrated teaching abilities, an M.D. or Ph.D. degree, as well as scientific achievements equivalent to the German “Habilitation”. Applicants should not be beyond the age of 52 at the time of appointment. Exceptions are possible according to Article 10, Paragraph 3, Sentence 2 BayHSchPG.

The University of Regensburg is an equal opportunity employer. Applications by handicapped individuals will be prioritized.

The Regensburg University is committed to increase the percentage of female scientists and encourages female applicants to apply. Furthermore, special importance is given to improving the compatibility of family and career (for further information see http://chancengleichheit.familie.uni-regensburg.de).

Please submit your application with your curriculum vitae, certificates, diplomas, list of publications including reprints of the 10 most significant reprints, extramural funding record and a precise survey of your teaching experience by May 31, 2013 to the Dean of the Faculty of Medicine at the University of Regensburg, Franz-Josef-Strauß-Allee 11, 93053 Regensburg, Germany.

Please send a written application and please use the application form at: http://www.uni-regensburg.de/Fakultaeten/Medizin/index.html
Born in 1564, Galileo Galilei once contemplated a career in the priesthood. It’s perhaps fortunate for science that upon the urging of his father, he instead decided to enroll at the University of Pisa. His career in science began with medicine and from there he subsequently went on to become a philosopher, physicist, mathematician, and astronomer, for which he is perhaps best known. His astronomical observations and subsequent improvements to telescopes built his reputation as a leading scientist of his time, but also led him to probe subject matter counter to prevailing dogma. His expressed views on the Earth’s movement around the sun caused him to be declared suspect of heresy, which for some time led to a ban on the reprinting of his works.

Galileo's career changed science for all of us and he was without doubt a leading light in the scientific revolution, which is perhaps why Albert Einstein called him the father of modern science.

Want to challenge the status quo and make the Earth move? At *Science* we are here to help you in your own scientific career with expert career advice, forums, job postings, and more — all for free. For your career in science, there’s only one *Science*. Visit [ScienceCareers.org](http://ScienceCareers.org) today.
The EGL Charitable Foundation invites you to apply to the
Gruss Lipper Post-Doctoral Fellowship Program

Eligibility

- Israeli citizenship
- Candidates must have completed PhD and/or MD/PhD degrees in the Biomedical Sciences at an accredited Israeli University/Medical School or be in their final year of study
- Candidates must have been awarded a postdoctoral position in the U.S. host research institution.

Details regarding the fellowship are available at www.eglcf.org

The Interdisciplinary Center for Clinical Research (IZKF) organizes the internal research funding of the Medical Faculty of the University of Würzburg. Its major goal is to strengthen clinical research on the basis of interdisciplinary cooperation between clinical and basic research groups. To carry out its mission, the IZKF supports cooperative research grants, promotes training and advancement of young researchers in medicine and improves the scientific infrastructure. For more information see www.izkf.uk-wuerzburg.de.

The IZKF intends to establish a new

Junior Research Group
Infection Biology of Human Pathogens

to be affiliated with the Research Center for Infectious Diseases (ZINF). We are looking for a researcher with outstanding postdoctoral experience and international recognition in the general fields of microbiology, cell biology, mycology, parasitology, immunology, or host-pathogen interactions. Candidates investigating the biology of clinically relevant human pathogens, in particular pathogenic fungi or bacteria are preferred, but all outstanding infection biologists are encouraged to apply. Interactions with other groups and members of the ZINF, the IZKF as well as with clinical partners are expected.

In addition to the position of the Group Leader the grant of the IZKF will provide for up to 5 years funding for:
- a postdoctoral scientist
- a PhD student
- a technician
- Consumables: approx. 50,000 Euro/year
- Equipment: approx. 50,000 Euro start-up financing

Laboratory space and basic equipment will be provided at the Institute for Molecular Infection Biology (IMIB; www.imib-wuerzburg.de) in a new 9,000 m² state-of-the-art research building with bio-containment, molecular imaging, high-throughput genomics, and animal facilities. The building is specifically designed to foster collaborative research, and is home to several additional young investigator groups as well as laboratories run by faculty members. See www.imib-wuerzburg.de for more information.

Interested individuals should send a one-page description of their research interests and future directions, CV and publication list, and the names of three academic referees by May 15, 2013. We may request that short-listed candidates provide a more detailed research proposal at a later date. These candidates also will be invited to present their research in Würzburg on June 28-29, 2013.

Preference will be given to people with disabilities in the case of otherwise equal aptitude. The University aims to increase the proportion of female researchers, therefore applications from qualified women are particularly welcome. Applications should be sent via email in one pdf-file to the IZKF office (hawks_m@klinik.uni-wuerzburg.de). Informal inquiries can be made to Prof. Jörg Vogel (joerg.vogel@uni-wuerzburg.de).

IZKF Würzburg
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Telefax: +49(0)931 201-47414
Email: Hawks_M@klinik.uni-wuerzburg.de
Internet: www.izkf.uk-wuerzburg.de
AAAS is here – promoting universal science literacy.

In 1985, AAAS founded Project 2061 with the goal of helping all Americans become literate in science, mathematics, and technology. With its landmark publications Science for All Americans and Benchmarks for Science Literacy, Project 2061 set out recommendations for what all students should know and be able to do in science, mathematics, and technology by the time they graduate from high school. Today, many of the state standards in the United States have drawn their content from Project 2061.

Every day Project 2061 staff use their expertise as teachers, researchers, and scientists to evaluate textbooks and assessments, create conceptual strand maps for educators, produce groundbreaking research and innovative books, CD-ROMs, and professional development workshops for educators, all in the service of achieving our goal of universal science literacy.

As a AAAS member, your dues help support Project 2061 as it works to improve science education. If you are not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/project2061
Call for nominations for the first annual
Eric and Sheila Samson Prime Minister's Prize for Innovation in Alternative Fuels for Transportation

The US $1 million prize will be awarded for global innovation or a major scientific or technological breakthrough in the field of alternative fuels for transportation.

Nominees for the prize should be actively engaged in innovative, paradigm-shifting research in the field of alternative fuels for transportation, worthy of significant and widespread attention. The recipient(s) can be of any nationality, race, ethnicity, or sex.

Deadline for nominations: May 31, 2013

For nomination information and forms see:
http://tinyurl.com/pmprize

PRIZES

WOMEN IN SCIENCE

foraging new pathways in green science

Read inspiring stories of women working in “Green Science” who are blending a unique combination of enthusiasm for science and concern for others to make the world a better place.

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ScienceCareers.org/LorealWiS

POSITIONS OPEN

UTMB Health seeks senior faculty applicants in structural biology in the Sealy Center for Structural Biology and Molecular Biophysics (SCSBMB). The Center supports a graduate program in molecular biophysics and five well-run core laboratories in Cryo-EM, NMR, X-ray, Computation and Solution Biophysics, each with an excellent PhD-level manager. For details see: http://www.scsb.utmb.edu/

The successful candidate must be a highly motivated individual with a PhD or MD degree, a strong publication record, and a record of independent well-funded grant support. The ideal candidate will have extensive experience in their specialty applied to the study of the structure, novel mechanisms, and functions of bio-macromolecules. Candidates for positions in either the department of Biochemistry and Molecular Biology or Pharmacology and Toxicology should also have or seek overlap with the highly collaborative established biomedical research community in UTMB’s basic science departments, centers and programs of excellence such as the Institute for Human Infection and Immunity, the Galveston National Laboratory, the Center for Tropical Diseases, the Institute for Translational Sciences, the Sealy Center for Cancer Cell Biology, the Sealy Center for Environmental Health and Medicine, the Sealy Center on Aging, the George P. and Cynthia Woods Mitchell Center for Neurodegenerative Diseases, the Moody Center for Brain and Spinal Cord Injury Research, the Sealy Center for Molecular Medicine and the Chemical Biology Program. These and other entities provide a wide variety of core services, in recombinant DNA, genomics, proteomics, high-throughput drug screening, mass spectrometry, membrane protein crystallization, and protein expression and purification. Excellent collaborative opportunities also exist through UTMB’s participation in the Gulf Coast Consortia and the Keck Center for Interdisciplinary Bioscience, http://www.gulfcoastconsortia.org/home.aspx.

Applicants are requested to submit electronically: a cover letter expressing interest in being considered, a curriculum vitae, current funding, a summary of research accomplishments, and future goals to mail to: SCSBMB.recruiting@UTMB.edu. Direct inquiries to Dr. B. Montgomery Pettitt, mpettitt@utmb.edu, 409-772-0723.

The University of Texas Medical Branch is an Affirmative Action/Equal Opportunity Employer.
POSTDOCTORAL POSITIONS

The Center of Excellence in Environmental Toxicology (CEET) at the University of Pennsylvania Perelman School of Medicine announces the availability of two postdoctoral positions on its Translational Research Training Program in Environmental Health Sciences. The focus of the Center includes research in Oxidative Stress/Oxidative Stress Injury; Reproduction, Endocrinology, and Development (READ); Lung and Airway Disease; and Gene-Environment Interactions. Postdoctoral applicants must conduct full-time research in translational environmental health sciences. Must be U.S. Citizen or Permanent Resident and would be supported for up to two years. Salary is commensurate with NRSA approved levels. For further information, application procedure, and list of faculty mentors, please go to the CEET Website. The deadline to apply for the 2013-2014 term is Friday, May 24, 2013.

DIRECTOR OF BUSINESS DEVELOPMENT

The Fraunhofer Center for Molecular Biotechnology (CMB) in Newark, Delaware has an immediate opening for a Director of Business Development. The successful candidate will design and implement a comprehensive strategy to identify potential collaborators that can utilize CMB’s unique plant-based protein production platform technology to expedite product development. CMB’s technology has applications in the development of vaccines, therapeutics, and diagnostics. Desired qualifications include a Master’s or Ph.D. in a biological discipline, an MBA and demonstrated success in business development, grant writing and collaboration with business, government, and not-for-profit research and development entities. The successful applicant will have a high energy, positive, “can-do” attitude and a high degree of initiative. PhCMB offers competitive salaries and benefit packages and is an Equal Opportunity Employer. Interested candidates should send their resume or curriculum vitae to e-mail dervin@fraunhofer-cmb.org.

DIRECTOR

Princeton University Department of Chemistry seeks candidates for the position of Director of the new Small Molecule Screening Center. The director will provide leadership in managing program activities and will be responsible for the overall operations of the screening center by employing a wide range of contemporary high throughput screening assays, performance of all follow-up organic synthesis activities; and, maintenance of the screening center infrastructure. The successful candidate must hold a Ph.D. in organic synthesis (or related field) and have broad experience and knowledge in medicinal chemistry. The candidate should have current bench skills, demonstrated proficiency in mass spectroscopy technology and analytical chemistry. For further information and to apply online (required) at website: https://jobs.princeton.edu (requisition #1300162). Submit a cover letter, curriculum vitae, list of publications and contact information for three references. Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.

NASA BIOSIGNATURES INVESTIGATOR

NASA Ames Research Center in the San Francisco Bay Area is seeking a Biosignatures Principal Investigator to join its Exobiology Branch. The position is responsible for conducting microbiological and/or geological research to identify biosignatures that can reveal and characterize past or present life in environments relevant to astrobiology, such as Mars. A job announcement, required qualifications, and application procedure are available on website: https://www.usajobs.gov/ by searching for announcement #13080008.

Nontraditional Careers: Opportunities Away From the Bench Webinar

Want to learn more about exciting and rewarding careers outside of academic/industrial research? View a roundtable discussion that looks at the various career options open to scientists and strategies you can use to pursue a nonresearch career.