

Cancer Nanotech T32 Fellowships

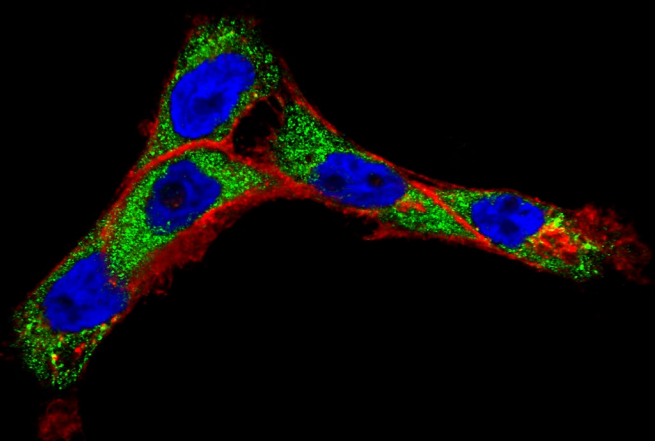
Program Directors



Konstantin Sokolov, PhD
MD Anderson Cancer Center
Professor,
Imaging Physics
Adjunct Professor,
Bioengineering,
Rice University



Gang Bao, PhD
Rice University
Foyt Family Professor and Chair
Department of Bioengineering
Professor of Chemistry, Materials
Science and Nanoengineering,
and Mechanical Engineering



Future Nanotechnology Leaders

The program is geared toward young scientists who aim to pursue integrated, translational research that is focused on advancing promising new nanotechnology-based diagnostics and therapeutics to improve cancer care.

Two Tiers

Our program has two tiers: a predoctoral program for training PhD students and a postdoctoral program.

The predoctoral program will provide mentorship, training, and funding for 2-3 years to students who have been accepted into (i) the Ph.D. program in Bioengineering or Chemistry at Rice University, and (ii) the Graduate School of Biomedical Sciences (GSBS) at MD Anderson.

The postdoctoral program will provide fellowships to recent Ph.D. awardees for 2-3 years with training in physical science, chemistry, or bioengineering with a demonstrated background and interest in nanotechnology. Holders of an M.D. degree will be eligible for the program if they show a strong interest in translational cancer nanotechnology research.

Eligibility Requirements

Per T32 program requirement, fellows “must be citizens or noncitizen nationals of the United States or have been lawfully admitted for permanent residence at the time of appointment”.

Encouraging Diversity

The training program is committed to ensuring diversity in selecting outstanding fellows for the program. Minority, disadvantaged or disabled applicants are highly encouraged to apply.

How to Apply

Interested candidates, please, complete [our application](https://app.smartsheet.com/b/form/1d17a10efa1746d1ab3c3e6f5021fe0c):
<https://app.smartsheet.com/b/form/1d17a10efa1746d1ab3c3e6f5021fe0c>

Documents to upload:

Pre-doctoral Candidates:

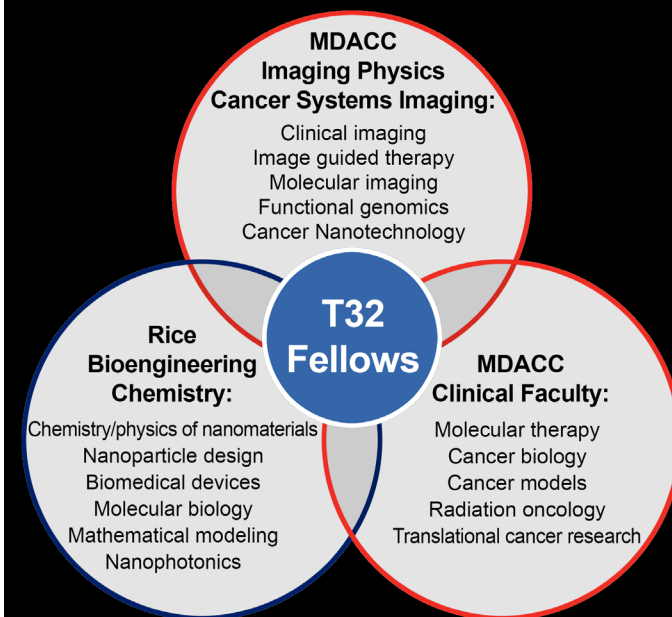
1. Letter from the PhD thesis advisor
2. Up to 3-pages proposal describing a research project with focus on cancer nanotechnology
3. Current CV

Post-doctoral Candidates:

1. Up to 2 pages research interest statement with names of preferred MDACC or Rice faculty mentors
2. Current CV
3. Names of 3-5 references

For more information, please contact:
Monica Fernandez, Program Coordinator
T32_MDA_Rice@mdanderson.org

Program's Pillars



Program Mentors

MDACC

Imaging Physics

James Bankson, PhD
Richard Bouchard, PhD
David Fuentes, PhD
John Hazle, PhD
Rick Layman, PhD
Anthony Ho-Ling Liu, PhD
Jingfei Ma, PhD
Konstantin Sokolov, PhD
Jia Wu, PhD

Cancer Systems Imaging

Pratip Bhattacharya, PhD
Charles H. Manning, PhD
Steven Millward, PhD

Clinical Program Faculty

Sang Hyun Cho, PhD
Erik N. K. Cressman, PhD
Laurence E. Court, PhD
Anil K. Sood, MD

Rice

Department of Bioengineering

Gang Bao, PhD
Caleb Bashor, PhD
Michael Diehl, PhD
Rebekah Drezek, PhD
Isaac Hilton, PhD
George Lu, PhD
Kevin McHugh, PhD
Rebecca Richards-Kortum, PhD
Laura Segatori, PhD
Jeff Tabor, PhD

Department of Chemistry

Tomasz Tkaczyk, PhD
Omid Veisheh, PhD
Julea Vlassakis, PhD
Zachary Ball, PhD
Ann-Karin Gustavsson, PhD
Naomi Halas, PhD
Stephen Link, PhD
Han Xiao, PhD