

BIOGRAPHICAL SKETCH

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NAME: Thomas, Charles R. Jr.

eRA COMMONS USER NAME (credential, e.g., agency login): THOMASCH

POSITION TITLE: Professor and Chief

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Dartmouth College, Hanover, New Hampshire	B.A.	06/1979	Biology/Education
University of Illinois, Chicago, Illinois	M.D.	06/1985	Medicine
Baylor College of Medicine, Houston, Texas	Intern	06/1986	Internal Medicine
Baylor College of Medicine, Houston, Texas	Residency	06/1988	Internal Medicine
Rush Medical College, Chicago, Illinois	Fellowship	06/1991	Medical Oncology
University of Washington, Seattle, Washington	Fellowship	06/1994	Radiobiology
University of Washington, Seattle, Washington	Residency	06/1997	Radiation Oncology

A. Personal Statement

I am a full-time academic clinician and serve as the Section chief of the radiation oncology program at a NCI Designated Cancer Center, the Norris Cotton Cancer Center, Geisel School of Medicine at Dartmouth, & the Dartmouth-Hitchcock Medical Center. My clinical and translational research involves studying the interactions between novel systemic therapeutics and ionizing radiation. Additional clinical research interests include the design and execution of protocols for translational research-based national cooperative group combined modality therapeutic clinical trials involving GI and thoracic cancers.

Via intramural and extramural (ASCO, ASTRO, RSNA, SNMA) venues, I am actively working to develop strategies to address barriers to participation in cancer clinical trials amongst minority and ethnic populations in the U.S. My health services research interests involve the development of pipeline strategies to increase the pipeline of highly-qualified investigators from under-represented minority groups into radiologic sciences and cancer medicine. I have an interest in patient-provider communication; burnout assessment and management in academic leaders; and the interaction of mentoring and academic productivity. As such, I am active in sustained mentorship, promoting the careers of promising physician-scientists and lead my department's efforts in mentorship and sponsorship. I'm the senior editor on the textbook, Career Development in Academic Radiation Oncology (Springer 2021), <https://link.springer.com/book/10.1007%2F978-3-030-71855-8>

My research experience combined with my institutional and professional society leadership roles uniquely position me to jointly lead this Data Generation Project Skills and Workforce Development Module 6 for the NIH Bridge to Artificial Intelligence Program.

Complete List of Published Work in the following link:
<https://pubmed.ncbi.nlm.nih.gov/?term=thomas+cr+jr>

Ongoing and recently completed research projects that I would like to highlight include:

1R01CA203193-01 Wisnivesky, Slatore (PIs) 3/1/2016 – 2/28/2021
Icahn School of Medicine Mount Sinai/NIH
Comparative Effectiveness of Limited Resection vs. Stereotactic Body Radiation Therapy for Early Stage Lung Cancer
The goal of this study is to compare the effectiveness of limited resection vs. stereotactic body radiotherapy (SBRT) for the treatment of stage IA non-small cell lung cancer (NSCLC).

1431292 Thomas, Widenhorn (PIs) 9/1/2014 – 8/31/2018
National Science Foundation (NSF)
Collaborative Research: Multimedia Modules for Physics Instruction in a Flipped Classroom Course for Pre-Health and Life Sciences Majors
Develop modular multimedia educational material for an undergraduate physics course geared toward pre-health and life science majors.

B. Positions, Scientific Appointments, and Honors (subset of most relevant committee work)

2021-2024 Steering Comm., AACR Radiation Science & Medicine Working Group
2021 Co-founder, Emergency Cancer Care (Springer), new journal
2021 Virtual Mentor, ASCO Oncology Summer Internship (OSI)
2021 Scientific Review Committee, LUNGeivity Foundation
2021 Special Expert, NCI Gastrointestinal Steering Committee (GISC)
2020 Member, Geographic Mgt of Cancer Health Disparities Program (GMaP)
2020 Member, ASTRO Gender Ad-Hoc Task Force
2020-present Search Comm., Editor-in-Chief for the *Int J Radiat Oncol Biol Phys*
2020 Steering Comm, RSNA Clinical Trials & Methodology Workshop
2019 Radiation Therapy for Rectal Cancer Guideline Task Force, ASTRO
2019 Special Emphasis Panel, Loan Repayment Program, NCI/NIH
2019 Program Committee, 12th AACR Conf. on the Science of Cancer Health
Health Disparities in Racial/Ethnic Minorities & the Medically Underserved
2018-2020 ASCO Diversity in Oncology Subcommittee
2018-2020 ASCO Leadership Development Program (LDP) Review & Selection Comm
2017-2019 ASTRO Nominating Committee
2017-2020 ASCO Conquer Cancer Foundation Grants Selection Committee
2017 Clinical Oncology (CONC) Study Section, NIH
2017-2018 Chair, Society of Chairs of Academic Radiation Oncology Programs
2017 CONCERN (Comprehensive Oncologic Emergencies Research Network)
2016-present Awards Committee, American Radium Society
2015-2018 Core Program Comm, "Thymoma, Mesothelioma, Other Thoracic Malignancies" track, 16th World Conference on Lung Cancer (WCLC 2015)
2014-2015 Education Committee, ASTRO
2014-2015 GI Abstracts reviewer, 2013 Annual ASTRO meeting
2013-2014 Scientific Program Comm, Rad Onc/Radiobiol Subcomm, RSNA Annual Meeting
2013 Minorities in Cancer Research Council (MICR), AACR
2012-2014 Co-Chair of the AACR-MICR Minority Scholar Awards Committee
2013-2015 ASCO Conquer Cancer Foundation Diversity in Oncology Initiative Subcommittee
2015 Public Relations Committee, RSNA Research & Education Foundation
2012-2013 AACR Tellers Committee
2012 Radiation Oncology Study Section, RSNA Res & Education Foundation
2010-2013 International Assoc for the Study of Lung Cancer, Membership Committee
2010-2020 International Assoc for the Study of Lung Cancer, Staging Committee
2009-2010 ASCO Communications Committee
2009 Radiation Oncology Institute [www.roinstitute.org] Research Committee

