

## Annual Meeting Committee Disclosure of Relationships

The American Society for Radiation Oncology (ASTRO) is an Accreditation Council for Continuing Medical Education (ACCME) accredited CME provider and complies with the ACCME Standards for Commercial Support. In accordance with these Standards, the ASTRO Conflict of Interest Policy and the Council for Medical Specialty Societies' Code for Interactions with Companies, ASTRO is disclosing here the relationships between members of the Committees charged with planning the Annual Meeting and other entities related to oncology or radiation therapy.

### Explanatory notes:

- ASTRO uses the information disclosed to identify and manage any potential conflicts of interest that may arise in carrying out the responsibilities of the Committees.
- Committee members disclose their own relationships and those of their immediate family members.
- There is no “minimum value” threshold for disclosure.
- Disclosure time period covers relationships held or payments received during the year leading up to the disclosure.
- The disclosure information at this link is relevant only to the planning of the 2019 Annual Meeting and should be considered out-of-date after this time.
- Information at this link may be different from disclosure information provided in other contexts by the Committee members because of variation in the disclosure requests for these other purposes.

**Employment/Leadership Positions** = positions held at the time of disclosure. These include both full- and part-time relationships, whether compensated or uncompensated.

**Compensation/Remuneration/Funding** = includes consultant/advisory roles, honoraria, research funding, travel expenses, in-kind donation, etc. If a Committee member receives an honorarium and donates it to charity, the honorarium is disclosed. If a Committee member declines an honorarium and it is paid directly to charity, the honorarium is not included. Honoraria from accredited CME providers are not included.

**Ownership or Investment Interests** = includes stock, stock options, partnership, royalties, or patents. *Stocks in mutual funds, blind trusts, or other holdings that are not controlled by the individual or an immediate family member are not included.*

**Leadership Positions**= positions held in other organizations or entities.

The ASTRO Conflict of Interest Policies are available at [www.astro.org/coipolicies](http://www.astro.org/coipolicies). Please direct any questions to [annualmeeting@astro.org](mailto:annualmeeting@astro.org).

2019 ASTRO Annual Meeting Steering Committee Disclosures

Member	Employment	OtherEmployment	Leadership	Ownership	Compensation
Theodore DeWeese	Self: Johns Hopkins University: Professor and Chair: Employee	None	None	None	None
Lynn Wilson	Self: Yale University: Professor, Vice Chairman: Employee	None	Self: ABR: Trustee Self: Yale University: Professor/Vice Chair/Clinical Director	Self: CBLI: Stock Self: Glaxo: Stock Self: Novart: Stock Self: Amgen: Stock Self: Biogen: Stock Self: ISIS: Stock Self: Merck: Stock Self: Vertex: Stock Self: Immunogen: Stock Self: United Healthcare: Stock Self: UCAN: Stock Self: Abbot: Stock	None
Thomas Eichler	Self: Sarah Cannon Cancer Institute: Physician: Independent Contractor	None	None	Self: Virginia Radiation Oncology Associates: Partnership	None
Lisa Kachnic	Self: Vanderbilt University Medical Center: Chair Radiation Oncology: Employee	None	Self: ABR: President	None	Self: TRM Oncology: Honoraria
Joanne Weidhaas	Self: UCLA: Professor: Employee	None	Family Member: MiraDx: Board Member	Self: Mira Dx: Stock Family Member: Mira Dx: Stock	Self: MiraDx: Advisory Board
Andrea Ng	Self: Brigham and Women's Hospital: Radiation Oncologist: Employee	None	None	None	None
Alexander Lin	Self: University of Pennsylvania: Associate Professor: Employee Family Member: Children's Hospital of Philadelphia: Associate Professor: Employee	None	None	None	Self: Galera Pharamceuticals: Advisory Board

2019 ASTRO Annual Meeting Steering Committee Disclosures

George Rodrigues	Self: London Health Sciences Centre: Faculty: Employee	Self: George Rodrigues Medicine Professional Corporation: President: Independent Contractor	None	Self: George Rodrigues Medicine Professional Corporation Self: Demos Medical Publishing	None
Christina Irene Tsien	Self: Washington University at St. Louis: Professor: Employee	None	Self: RSNA Oncologic Imaging Committee: Vice Chair	None	Self: Varian: Speaker's Bureau: Relationship ended 3/20/2019 Self: Merck: Honoraria: Relationship ended 4/20/2018 Self: Merck: Travel Expenses: Relationship ended 4/20/2018

ASTRO 2019 Annual Meeting Scientific Committee Disclosures

Committee Member	Employment	Other Employment	Leadership	Ownership	Compensation
Ashley Albert	University of Mississippi Medical Center: Resident Physician: Employee	None	None	None	None
Richard Bakst	Mount Sinai School of Medicine	None	None	None	None
Tracy Balboni	Brigham and Women's Physician's Organization: Attending Physician: Employee Family Member: Dana-Farber Cancer Institute: Academic Researcher: Employee	None	ASCO Palliative Care Steering Committee Member: Steering Committee Member	None	Templeton Foundation Family Member: Templeton Foundation
Elizabeth Baldini	Brigham and Women's Hospital: Radiation Oncologist: Employee	None	None	None	None
James Balter	University of Michigan: Professor: Employee Family Member: University of Michigan: Professor: Employee	None	None	None	None
Beth Beadle	Stanford University: Associate Professor: Employee	None	American Radium Society: Secretary	None	NIH: Research funding: Co-PI on R01 grant
Peter Chung	University Health Network: Physician: Employee	None	None	None	Sanofi: Research Funding
Deborah Citrin	National Institutes of Health: Investigator: Employee Family Member: US Army: Physician: Employee	None	None	None	National Institutes of Health: Research Funding
Lei Dong	University of Pennsylvania: Director of Medical Physics: Employee	None	None	Varian Medical Systems: Royalty	None
Eric Ford	University of Washington: Professor: Employee	None	AAPM: Board of directors member	None	National Cancer Institute (NCI): Research Funding; Sun Nuclear Corp: Research funding; No funding received from commercial partner, PI is at University. Role: co-investigator, 5% effort
David Gaffney	University of Utah: Professor: Employee	None	NCI: Co-chair	None	NCI: Research Funding; NCTN: Research funding (coop group trials)
Thomas Galloway	Fox Chase Cancer Center: Attending Physician, Director of Clinical Research: Employee	None	Rare Tumors Task Force: Co-Chair	None	None
Inga Grills	Beaumont Health System: Professor, Residency Program Director: Employee	None	Greater Michigan Gamma Knife: Board of Directors	None	None
Angela Gryzbek	Loyola University Health System: Nurse Practitioner-Radiation Oncology: Employee	None	None	None	None
Lia Halasz	University of Washington	None	None	None	Fred Hutch/Univ of Washington Cancer Consortium: Research funding: Salary support for clinical outcomes research
Michele Yvette Halyard	Mayo Clinic: Professor of Radiation Oncology: Employee Mayo Clinic College of Medicine and Science: Consultant: Employee	None	Mayo Clinic College of Medicine and Science: Vice Dean Mayo Medical School	None	None
Alice Ho	Cedars Sinai Medical Center: Associate Attending: Employee	None	None	None	None
Salma Jabbour	Rutgers University: Associate Professor: Employee	None	ARS AUC-ACR: AUC-ACR GI Committee Guidelines Chair Big Ten Cancer Research Consortium: Steering Committee Member and GI Co-Chair NCI Radiation Research Program: Upper GI Working Group Co-Chair	None	Merck, Research Funding, Nestle, Research Funding
Joshua Jones	University of Pennsylvania: Assistant Professor: Employee Family Member: Abington Pediatrics: Pediatrician: Employee	None	American Radium Society/American College of Radiol: Committee Member ASTRO: Member of Bone Metastases Guidelines Update Commit: Relationship ended 01-01-2017 American Society of Clinical Oncology: Communications Committee	None	None

ASTRO 2019 Annual Meeting Scientific Committee Disclosures

Lisa Kachnic	Vanderbilt University Medical Center: Chair Radiation Oncology: Employee	None	ABR: President	None	Up-to-date: Honoraria; NCI NCORP: Research Grant(s): co-chair of cancer prevention & control SWOG
Jenna Kahn	Virginia Commonwealth University Health Systems: Resident Physician: Employee	None	ARRO executive committee: Chair	None	None
Matthew Katz	Lowell General Hospital: Medical Director: EmployeeRadiation Oncology Associates, PA: Partner: Partner	None	ASCO: Social Media Working Group Massachusetts Medical Society: Chair	Dr. Reddy's Laboratories: Stock; U.S. Physical Therapy: Stock; Mazor Robotics: Stock	None
Randall Kimple	University of Wisconsin: Assistant Professor: EmployeeFamily Member: University of Wisconsin: Assistant Professor: Employee	None	International Journal of Radiation Oncology Biolog: Senior Editor	None	Threshold Pharmaceuticals: ResearchFunding: Relationship ended 09-30-2016; Peloton Therapeutics: ResearchFunding; American Cancer Society: ResearchFunding; Scholar Grant: ResearchFunding; National Institute of HealthV Foundation for Cancer Research; ResearchFunding
Jonathan Knisely	Weill Cornell Medicine: Faculty: Employee	None	ASTRO Annual Meeting Scientific Committee: MemberASTRO annual meeting CNS Track: Co-Chair	None	None
Sunil Krishnan	MD Anderson Cancer Center: Associate Professor: Employee	None	RTOG: Vice-chair, GI translational research program	Taylor and Francis Group: Royalty	NIH: ResearchFunding: R21, R01, U01, KL2; DoD: ResearchFunding; Celgene: ResearchFunding: Clinical trial in pancreatic cancer (pending); Cancer Prevention and Research Institute of Texas:Research Funding
Jyoti Mayadev	University of California San Diego: Associate Professor: Employee	None	NRG Oncology: Cervical Cancer Co-Chair	None	None
Charles Mayo	University of Michigan: Associate Professor: Employee	None	AAPM: Chair TG-263 Radiation Oncology Nomenclature	None	Varian Medical Systems: Research Funding
George Mikhaeel	Guy's Cancer Center	Guy's and St. Thomas' Hospital: Consultant Clinical Oncologist: Other	None	None	None
Robert Miller	Mayo Clinic: Professor: Employee	None	Mayo Clinic Health System - Albert Lea/Austin: Vice Chair, Board of Trustees: Relationship ended 06-10-2016Belluscura, Ltd.: Chair, Board of Directors: Relationship ended 11-17-2017Tekcapital, Plc.: Non-Executive Director	Belluscura Ltd.: Stock; StockOptions Tekcapital Plc.: Stock: StockOptions	Tekcapital, PlcASTROBelluscura Ltd: Relationship ended 11-17-2017
Drew Moghanaki	Hunter Holmes McGuire Veterans Medical Center: Staff Physician: EmployeeVirginia Commonwealth University: Associate Professor: Employee	None	ASTRO: ChairAssociation of VA Hematology Oncology: Board member, Chair research committeeLung Cancer Alliance: Medical and Professional Advisory BoardLungevity Foundation: Scientific Advisory Board	None	Varian Medical Systems: Honoraria: Veterans Affairs Cooperative Studies Program: Research Funding: I am the co-chair of a phase III lung SBRT trial that is funded by the VA-CSP; Bristol-Myers Squibb Foundation: Research Funding: Lung cancer screening project
Gerard Morton	Sunnybrook Odette Cancer Centre: Radiation Oncologist: Independent Contractor Sunnybrook Health Sciences Centre	None	Canadian Association of Radiation Oncologists: Regional Director	None	Astra Zeneca: Honoraria; Abbvie: Honoraria
Andrea Ng	Brigham and Women's Hospital: Radiation Oncologist: Employee	None	None	None	None
Stephanie Perkins	Washington University: Associate Professor of Radiation Oncology: Employee	None	None	None	None
John Plastaras	University of Pennsylvania: Associate Professor: EmployeeFamily Member: University of Pennsylvania: Associate Professor: Employee	None	American Board of Radiology: Co-chair of Lymphoma Committee (Written)Family Member: RRC: Vice-ChairFamily Member: ADROP: Past-President	None	None
Rinaa Punglia	BWH/DFCI: Assoc Prof of Rad Onc: Employee	None	None	None	None

ASTRO 2019 Annual Meeting Scientific Committee Disclosures

Andreas Rimner	Memorial Sloan-Kettering Cancer Center: Assistant Attending: Employee	None	None	None	Varian Medical Systems: Research Funding: Funding for a prospective study using implantable fiducial markers; Boehringer Ingelheim: Research Funding; PfizerAstra Zeneca: Research Funding
Naomi Schechter	University of Southern California: Associate Professor of Clinical: Employee	None	American College of Radiology: Vice Chair, Practice Parameters Committee	None	American College of Radiology: Honoraria, Advisory Board
Helen Shih	Massachusetts General Hospital: Faculty: EmployeeFamily Member: Dartmouth Hitchcock: Medical Center: Employee	None	Massachusetts General Hospital: Chief, CNS & Eye Radiat Oncol ServicesMassachusetts General Hospital: Medical Director, Proton Therapy Centers	None	UpToDate: Honoraria
Gita Suneja	Duke University: Associate Professor: Employee	None	None	None	None
Stephanie Terezakis	Johns Hopkins School of Medicine: Associate Professor: Employee	None	None	None	Elekta: Advisory Board; Honoraria; Research funding
Minh Tam Truong	Boston Medical Center: Chief Radiation Oncology: Employee	None	None	None	American Board Radiology: Consultant
Johanna Vanarsdall	ASTRO: Sr. Education Program Manager: Employee	None	None	None	None
Julia Wong	Brigham and Women's Physician Organization: Physician: EmployeeFamily Member: Harvard Vanguard: Radiologist: Employee	UpToDate: Author: Independent Contractor	None	None	None
William Woods	University of MS Medical Center: Faculty Instructor Nurse Practitioner: Employee	None	None	None	None

2019 ASTRO Annual Meeting Education Committee Disclosures

Member	01: Employment Relationship (Self, Spouse, Family Member, Other Employment)	02: Compensation/Remuneration/Fundin g (Research Grant, Research Funding,	03: Ownership or Investment Interests (Stock, Partnership, Royalty, Patent, Copyright)	04: Leadership Positions (outside of ASTRO)
Arya Amini	Self : University of Colorado School of Medicine : residency : Employee; Self : City of Hope Cancer Center : assistant professor : Employee	None	None	None
Mekhail Anwar	Self : University of California, San Francisco : Assistant Professor : Employee	None	None	None
Anthony Apicelli	Self : Washington University : Assistant Professor : Employee; Self : VA St. Louis Health Care System : Staff Physician : Employee; Family Member : Washington University : Assistant Professor : Employee	None	None	None
Bulent Aydogan	Self : University of Chicago : Associate Professor : Employee	None	None	None
Glenn Stuart Bauman	Self : London Health Sciences Centre : Radiation Oncologist : Independent Contractor	None	None	Self : London Health Sciences Centre : Chair/Chief of Oncology
Beth Beadle	Self : Stanford University : Associate Professor : Employee	Self : NIH : Co-PI on R01 grant	None	Self : American Radium Society : Secretary
Manpreet Bedi	Self : Medical College of Wisconsin : Radiation Oncologist : Employee; Self : Medical College of Wisconsin : Radiation Oncologist : Employee	None	None	None
Carmen Bergom	Self : Medical College of Wisconsin : Resident Physician : Employee; Self : Medical College of Wisconsin : Assistant Professor : Employee	Self : Susan G. Komen Foundation: Research Funding; Self : Mary Kay Foundation: Resaerch Funding	None	Self : American Cancer Society : Member; Self : Radiation Oncology Institute : Member
Thomas Boike	Self : Petoskey Radiation Oncology : MD : Partner; Self : Karmanos Cancer Institute : Network Medical Director : Employee	Self : ASTRO APEx Reviewer: Honoraria	None	Self : NCI Prostate Cancer Task Force : Member
David Carlson	Self : Yale-New Haven Hospital : Medical Physicist II : Employee; Self : Yale University School of Medicine : Associate Professor : Employee	None	None	None

2019 ASTRO Annual Meeting Education Committee Disclosures

Laura Cervino	Self : University of California, San Diego : Associate Professor : Employee	Self : Varian Medical Systems Inc : Research grant through UC San Diego's MRA	None	Self : AAPM : Women Professional Subcommittee, Chair; Self : AAPM : Board Member at Large; Self : AAPM : Imaging for Treatment Verification WG, Chair; Self : AAPM : AAPM-SC chapter Secretary; Self : AAPM : Ad hoc committee on Diversity strategic goal plan; Self : AAPM : Therapy Imaging Subcommittee
Aileen Chen	Self : Dana-Farber Cancer Institute : Employee	None	None	None
Josephine Chen	Self : University of California San Francisco : Assistant Professor : Employee	Self : Siemens Medical Solutions : To date, I have been involved in 2 research contracts with Siemens. These contracts have included salary support for myself and funds to pay the salaries of other research staff. Salary support compensates the university and not me directly; Self : Accuray Incorporated : The research grant includes salary support for myself and funds to pay the salaries of other research staff. Salary support compensates the university and not me directly; Self : Raysearch Laboratories: Research Funding	None	None
Ronald Chen	Self : University of North Carolina at Chapel Hill : Associate Professor : Employee	None	None	None
Yen-Lin Chen	Self : Massachusetts General Hospital : Assistant Radiation Oncologist : Employee; Family Member : Beth Israel Deaconess Medical Center : Dermatologist : Employee	None	None	None
Junzo Chino	Self : Duke University Cancer Center : Associate Professor : Partner	None	Self : NanoScint : Stock	None
Lauren Colbert	Self : UT MD Anderson Cancer Center : Resident : Employee	None	None	None

## 2019 ASTRO Annual Meeting Education Committee Disclosures

Bouthaina Dabaja	Self : MD Anderson Cancer Center : : Employee	None	None	None
Megan Daly	Self : University of California Davis : Assistant Professor : Employee	Self : NIH : Research grants (co-investigator with salary support and trainee on K12; Self : Department of Defense : Co-PI on DOD lung cancer grant with salary support; Self : EMD Serono : Clinical Trial Funding	None	Self : IJROBP : Associate Editor; Self : Practical Radiation Oncology : Executive Editor; Self : Seminars in Oncology : Editorial Board Member
Jun Deng	Self : Yale University : Professor : Employee	Self : NIH : NIH R01 funding: Research Funding	None	None
Kristopher Dennis	Self : Ontario Ministry of Health and Long-Term Care : Radiation Oncologist : Independent Contractor	None	None	Self : Canadian Association of Radiation Oncology : Chair, Symptom Control Advisory Committee
Martina Descovich	Self : University of California San Francisco : Associate Professor : Employee	Self : Accuray Inc., Sunnyvale CA: Honoraria, Research Funding	None	Self : University of California San Francisco : Physics Residency Program Director
Dayssy Diaz Pardo	Self : The Ohio State University : Assistant Professor : Employee	None	None	None
Thomas Dilling	Self : Moffitt Cancer Center : Associate Member, Radiation Oncology : Employee	None	None	Self : NCCN : Panel Member, NSCLC, Mesothelioma, Thymoma Cmte's
Lorraine Drapek	Self : Massachusetts General Hospital : Nurse Practitioner - GI Radiation Oncology : Employee	None	None	None
Cindy Faigin	Self : Henry Ford Health System : Nurse Manager : Employee	None	None	None
Silvia Chiara Formenti	Self : Weill Cornell Medical College : Professor and Chairman : Employee	Self : Regeneron Pharmaceuticals: Honoraria; Self : Eli Lilly; Self : Janssen Pharmaceuticals (J&J) : screening immunotherapy drugs with radiotherapy: Research Funding	None	Self : Weill Cornell Medical College : Professor and Chairman

2019 ASTRO Annual Meeting Education Committee Disclosures

Chelain Goodman	Self : Northwestern University, McGaw Medical Center : Resident Physician : Employee	Self : Menarini Silicon Biosystems; Self : Brinson Foundation : Co-PI on mentored research grant, Targeted therapy for the treatment of cervical cancer: utilizing nanoparticles to radiosensitize cancer cells; Self : Friends of Prentice Grants Initiative : Radiotherapy for Early Stage Breast Cancer Based on Circulating Tumor Cell Status: A Biomarker?Driven Non?Randomized Non?Inferiority Clinical Trial: Research Funding	None	Self : ARRO : Executive Committee Member
Alexander Gottschalk	Self : University of California : Professor : Employee	Self : University of California	None	None
Robert Griffin	Self : University of Arkansas for Medical Sciences : Professor : Employee	None	Self : IGF Oncology : StockOptions	Self : Society for Thermal Medicine : Past President; Self : American College of Cryosurgery : Board Member
B. Ashleigh Guadagnolo	Self : MD Anderson Cancer Center : Associate Professor : Employee	None	None	None
Chul Ha	Self : The University of Texas Health Science Ctr at SA : Professor & Chairman : Employee	None	None	Self : KASTRO : Board Member
Jona Hattangadi-Gluth	Self : University of California San Diego Health Systems : Assistant Professor : Employee	Self : Varian Medical Systems : Research grant	None	None
Janet Horton	Self : Duke University Medical Center : Associate Professor : Employee	Self : Int J of Radiation Oncology, Biology, Physics; Self : NIH Loan Repayment Program  Self : The Oakstone Institute: Honoaria; Self : Varian Medical Systems: Honoraria; Self : Gateway for Cancer Research: Research Funding	None	Self : New Life After Cancer : Board Member
Rachel Jimenez	Self : Massachusetts General Hospital : Employee	None	None	None
Candice Johnstone	Self : Medical College of WI : Associate Professor : Employee; Family Member : Medical College of WI : Professor : Employee	None	None	None

2019 ASTRO Annual Meeting Education Committee Disclosures

Peter Johnstone	Self : Moffit Cancer Center : Senior Member and Vice Chair : Employee	None	None	None
Matthew Katz	Self : Lowell General Hospital : Medical Director : Employee; Self : Radiation Oncology Associates, PA : Partner : Partner	None	Self : Dr. Reddy's Laboratories : Stock ; Self : U.S. Physical Therapy : Stock; Self : Mazor Robotics : Stock	Self : ASCO : Social Media Working Group; Self : Massachusetts Medical Society : Chair
Aparna Kesarwala	Self : National Cancer Institute : ACI : Employee	Self : ASTRO : Resident/Fellow Research Grant	None	None
Atif Khan	Self : Memorial Sloan Kettering Cancer Center : Associate Attending : Employee	Self : Elekta; Self : Elekta : Partial support of clinical trial; Self : Cianna Medical : Reseaching Funding	None	None
Ana Kiess	Self : Johns Hopkins University : Assistant Professor of Radiation Oncology : Employee	Self : Merck; Self : Novartis/AAA	None	None
Edward Kim	Self : University of Washington : Associate Profesor : Employee	None	None	Self : RSNA : Annual Meeting Scientific Committee Chair
Bridget Koontz	Self : Duke Cancer Institute : Associate Professor : Employee; &Family Member : Duke University Medical Center : Assistant Professor : Employee	Self : ASTRO Self : Janssen Services LLC : Funding of Investigator-Initiated Study Research Funding	None	Self : ASTRO : Committee member; Self : AAPM IHE-RO Liaison : Co-Chair
Shlomo Koymfan	Self : Cleveland Clinic : Associate Professor of Medicine : Employee	Self : UpToDate; Self : Varian Medical Systems	None	None
Sunil Krishnan	Self : MD Anderson Cancer Center : Associate Professor : Employee	None	Self : Taylor and Francis Group : Royalty	Self : RTOG : Vice-chair, GI translational research program
Nicole Larrier	Self : Duke University Medical Center : Physician : Employee	None	None	None
Lilie Lin	Self : MD Anderson Cancer Center : Associate Professor : Employee; Family Member : VA Hospital : Radiologist : Employee	None	None	None
Alexander Louie	Self : London Health Sciences Center : Radiation Oncologist : Employee	None	None	None
Richard Lovett	Self : University of Vermont Medical Group : Radiation Oncologist : Employee	None	None	Self : Rutland Area Visiting Nurses and Hospice : Member, Board of Directors
Shannon MacDonald	Self : MGH : MGH : Employee	None	None	None
Charles Mayo	Self : University of Michigan : Associate Professor : Employee	Self : Varian Medical Systems: Research Funding	None	Self : AAPM : Chair TG-263 Radiation Oncology Nomenclature

2019 ASTRO Annual Meeting Education Committee Disclosures

Eric Mellon	Self : University of Miami : Assistant Professor of Radiation Oncology : Employee	Self : ViewRay: Travel Expenses	None	None
Jeffrey Meyer	Self : Johns Hopkins School of Medicine : Associate Professor : Employee	Self : D-tine Inc.: Research Funding; Self : UptoDate: Honoraria; Self : Peregrine Pharmaceuticals, Inc. : Research Funding	None	None
Najeeb Mohideen	Self : Northwest Community Hospital, Arlington Heights,IL : Radiation Oncologist : Independent Contractor	None	Self : Northwest Community Hospital Physician Cooperative : Partnership	Self : ACR Economics and Health Policy : Chair, Radiation Oncology Committee; Self : The Radiosurgery Society : Board Member
Michael Moravan	Self : Duke University : Assistant Professor : Employee	None	None	None
Erin Murphy	None	None	None	None
Quynh-Nhu Nguyen	Self : MD Anderson Cancer Center : Associate Professor : Employee	None	None	None
Rachel Abrams Rabinovitch	Self : University of Colorado, Denver : Professor : Employee	Self : Best Doctors	None	None
Kristin Redmond	Self : Johns Hopkins University : Faculty Member : Employee	Self : Elekta AB: Research Funding; Self : Accuray: Honoraria; Self : AstraZeneca: Honoraria	None	None
Ramesh Rengan	Self : University of Washington : Professor; Medical Director SCCA Proton Center : Employee	Self : Astra-Zeneca; Self : IBA	None	None
George Rodrigues	Self : London Health Sciences Centre . Faculty : Employee  Self: George Rodrigues Medicine Professional Corporation: President: Independent Contractor	None	Self : George Rodrigues Medicine Professional Corporation : Stock; Self : Demos Medical Publishing : Royalty	None
Tracey Schefter	Self : University of Colorado : Professor : Employee	None	None	None

2019 ASTRO Annual Meeting Education Committee Disclosures

Daniel Schiffner	Self : Palo Alto Medical Foundation : Physician, Radiation Oncology : Partner	None	None	Self : Los Angeles Radiological Society : Treasurer : Relationship ended 07-01-2018; Self : Los Angeles Radiological Society : Radiation Oncology Subcommittee : Relationship ended 07-01-2018; Self : Southern California Radiation Oncology Society : Board of Directors : Relationship ended 07-01-2018; Self : American Society for Radiation Oncology : Education Committee; Self : Palo Alto Medical Foundation : Division Head, Radiation Oncology; Self : American Society for Radiation Oncology : Annual Meeting Education Committee
Andrew Sharabi	Self : University of California San Diego : Assistant Professor : Employee	Self : Varian Medical Systems: Research Funding	None	Self : San Diego Center for Precision Immunotherapy : Scientific Advisory Committee Member
Tracy Sherertz	Self : UCSF : Assistant Professor : Employee	None	None	None
Anand Shivnani	Self : Texas Oncology : Radiation Oncologist : Employee	None	Self : Gradalis : Stock	None
Sotirios Stathakis	Self : University of Texas Hlth Sc Ctr at San Antonio : Associate professor : Employee	None	None	None
Ranjan Sur	Self : Juravinski Cancer Centre : Radiation Oncologist : Independent Contractor	None	None	None
Sarah Thurman	Self: MUSC Radiation Oncology at Tidelands Health: Employee	Self : astro apex auditor	None	None
C Jillian Tsai	Self : Memorial Sloan Kettering Cancer Center : Assistant Attending : Employee	None	None	None

2019 ASTRO Annual Meeting Education Committee Disclosures

Christina Irene Tsien	Self : Washington University at St. Louis : Professor : Employee	Self : Merck : Relationship ended 04-20-2018; Self : Merck : Honoraria: Relationship ended 04-20-2018	None	Self : RSNA Oncologic Imaging Committee : Vice-Chair
John Austin Vargo	Self : West Virginia University : Assistant professor Radiation Oncology : Employee	None	None	None
Tony Wang	Self : Columbia University Medical Center : Physician : Employee	Self : Abbvie; Self : Merck; Self : Doximity; Self : Elekta; Self : Elekta: Honoraria; Self : Wolthers Kluwer: Honoraria	Self : Doximity : StockOptions	None
Stephanie Weiss	Self : Fox Chase Cancer Center : Chief, Adult CNS Tumors and Radiosurgery : Employee	None	None	Self : ACRO : Committee Member
Matthew Witek	Self : University of Wisconsin : Assistant Professor : Employee	None	None	None
William Woods	Self : University of MS Medical Center : Faculty Instructor Nurse Practitioner : Employee	None	None	None
Jean Wright	Self : Johns Hopkins University : Associate Professor : Employee	Self : ASTRO: Honoraria	None	None
Raphael Yechieli	Self : University of Miami : Assistant Professor : Employee	None	None	None
Hsiang-Hsuan Yu	Self : Moffitt Cancer Center : Associate Member : Employee	None	None	None
James Yu	Self : Yale School of Medicine : Associate Professor : Employee	Self : Augmenix: Consultant	None	None
Jennifer Yu	Self : Cleveland Clinic : Staff : Employee	None	None	None
Jing Zeng	Self : University of Washington : Associate Professor : Employee	None	None	None

2019 ASTRO Annual Meeting Session Reviewer Disclosures

Member	01: Employment Relationship (Self, Spouse, Family Member, Other Employment)	02: Compensation/Remuneration/Funding (Research Grant, Research Funding,	03: Ownership or Investment Interests (Stock, Partnership, Royalty, Patent, Copyright)	04: Leadership Positions (outside of ASTRO)
Theodore DeWeese	Self: Johns Hopkins University: Professor and Chair: Employee	None	None	None
Lynn Wilson	Self: Yale University: Professor, Vice Chairman: Employee	None	Self: Glaxo: Stock Self: Novart: Stock Self: Amgen: Stock Self: Biogen: Stock Self: ISIS: Stock Self: Merck: Stock Self: Vertex: Stock Self: Immunogen: Stock Self: United Healthcare: Stock Self: UCAN: Stock Self: Abbot: Stock	Self: ABR: Trustee Self: Yale University: Professor/Vice Chair/Clinical Director
Thomas Eichler	Self: Sarah Cannon Cancer Institute: Physician: Independent Contractor	None	Self: Virginia Radiation Oncology Associates: Partnership	None
Lisa Kachnic	Self: Vanderbilt University Medical Center: Chair Radiation Oncology: Employee	Self: TRM Oncology: Honoraria	None	Self: ABR: President
Joanne Weidhaas	Self: UCLA: Professor: Employee	Self: MiraDx: Advisory Board	Self: Mira Dx: Stock Family Member: Mira Dx: Stock	Family Member: MiraDx: Board Member
Andrea Ng	Self: Brigham and Women's Hospital: Radiation Oncologist: Employee Self: University of Pennsylvania:	None	None	None
Alexander Lin	Associate Professor: Employee Family Member: Children's Hospital of Philadelphia: Associate Professor: Employee	Self: Galera Pharamceuticals: Advisory Board	None	None
Bulent Aydogan	Self : University of Chicago : Associate Professor : Employee	None	None	None
Beth Beadle	Self : Stanford University : Associate Professor : Employee	Self : NIH : Co-PI on R01 grant	None	Self : American Radium Society : Secretary
Junzo Chino	Self : Duke University Cancer Center : Associate Professor : Partner	None	Self : NanoScint : Stock	None
Bouthaina Dabaja	Self : MD Anderson Cancer Center : : Employee	None	None	None

2019 ASTRO Annual Meeting Session Reviewer Disclosures				
Jun Deng	Self : Yale University : Professor : Employee	Self : NIH : NIH R01 funding: Research Funding	None	None
Thomas Dilling	Self : Moffitt Cancer Center : Associate Member, Radiation Oncology : Employee	None	None	Self : NCCN : Panel Member, NSCLC, Mesothelioma, Thymoma Cmte's
Lorraine Drapek	Self : Massachusetts General Hospital : Nurse Practitioner - GI Radiation Oncology : Employee	None	None	None
Silvia Chiara Formenti	Self : Weill Cornell Medical College : Professor and Chairman : Employee	Self : Regeneron Pharmaceuticals: Honoraria; Self : Eli Lilly; Self : Janssen Pharmaceuticals (J&J) : screening immunotherapy drugs with radiotherapy: Research Funding	None	Self : Weill Cornell Medical College : Professor and Chairman
Robert Griffin	Self : University of Arkansas for Medical Sciences : Professor : Employee	None	Self : IGF Oncology : StockOptions	Self : Society for Thermal Medicine : Past President; Self : American College of Cryosurgery : Board Member
B. Ashleigh Guadagnolo	Self : MD Anderson Cancer Center : Associate Professor : Employee	None	None	None
Jona Hattangadi-Gluth	Self : University of California San Diego Health Systems : Assistant Professor : Employee	Self : Varian Medical Systems : Research grant	None	None
Candice Johnstone	Self : Medical College of WI : Associate Professor : Employee; Family Member : Medical College of WI : Professor : Employee	None	None	None
Atif Khan	Self : Memorial Sloan Kettering Cancer Center : Associate Attending : Employee	Self : Elekta; Self : Elekta : Partial support of clinical trial; Self : Cianna Medical : Reseaching Funding	None	None
Bridget Koontz Shannon	Self : Duke Cancer Institute : Associate Professor : Employee; &Family Member : Duke University Medical Center : Assistant Professor : Employee	Self : Janssen Services LLC : Funding of Investigator-Initiated Study Research Funding	None	Self : ASTRO : Committee member; Self : AAPM IHE-RO Liaison : Co-Chair
MacDonald	Self : MGH : MGH : Employee	None	None	None

2019 ASTRO Annual Meeting Session Reviewer Disclosures				
Charles Mayo	Self : University of Michigan : Associate Professor : Employee	Self : Varian Medical Systems: Research Funding	None	Self : AAPM : Chair TG-263 Radiation Oncology Nomenclature
Jeffrey Meyer	Self : Johns Hopkins School of Medicine : Associate Professor : Employee	Self : D-fine Inc.: Research Funding; Self : UptoDate: Honoraria; Self : Peregrine Pharmaceuticals, Inc. : Research Funding	None	None
Najeeb Mohideen	Self : Northwest Community Hospital, Arlington Heights,IL : Radiation Oncologist : Independent Contractor Self : London Health Sciences Centre : Faculty : Employee	None	Self : Northwest Community Hospital Physician Cooperative : Partnership	Self : ACR Economics and Health Policy : Chair, Radiation Oncology Committee; Self : The Radiosurgery Society : Board Member
George Rodrigues	Self: George Rodrigues Medicine Professional Corporation: President: Independent Contractor	None	Self : George Rodrigues Medicine Professional Corporation : Stock; Self : Demos Medical Publishing : Royalty	None
Christina Irene Tsien	Self : Washington University at St. Louis : Professor : Employee	Self : Merck : Relationship ended 04-20-2018; Self : Merck : Honoraria: Relationship ended 04-20-2018	None	Self : RSNA Oncologic Imaging Committee : Vice-Chair
James Yu	Self : Yale School of Medicine : Associate Professor : Employee	Self : Augmenix: Consultant	None	None
Tracy Balboni	Brigham and Women's Physician's Organization : Attending Physician : Employee Family Member : Dana-Farber Cancer Institute : Academic Researcher : Employee	Templeton Foundation Family Member : Templeton Foundation	None	ASCO Palliative Care Steering Committee Member : Steering Committee Member
Elizabeth Baldini	Brigham and Women's Hospital : Radiation Oncologist : Employee	None	None	None
Deborah Citrin	National Institutes of Health : Investigator : Employee; Family Member : US Army : Physician : Employee	National Institutes of Health	None	None
Lei Dong	University of Pennsylvania : Director of Medical Physics : Employee	None	Varian Medical Systems : Royalty	None

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Eric Ford	University of Washington : Professor : Employee	National Cancer Institute (NCI) : UG3CA211310-01. NCI grant for global oncology development work. Partners with clinical and commercial groups in India (no funding received from them). Role: PI, 20% effort.National Cancer Institute (NCI) : STTR grant to develop error-detection software. Partners with Sun Nuclear Corp. No funding received from commercial partner, PI is at University. Role: co-investigator, 5% effort	None	AAPM : Board of directors member
David Gaffney	University of Utah : Professor : Employee	NCI"	None	NCI : Co-chair
Angela Gryzbek	Loyola University Health System : Nurse Practitioner-Radiation Oncology : Employee	None	None	None
Lia Halasz	University of Washington	Fred Hutch/Univ of Washington Cancer Consortium : Salary support for clinical outcomes research	None	None
Michele Yvette Halyard	Mayo Clinic : Professor of Radiation Oncology : Employee Mayo Clinic College of Medicine and Science : Consultant : Employee	None	None	Mayo Clinic College of Medicine and Science : Vice Dean Mayo Medical School
Alice Ho	Cedars Sinai Medical Center : Associate Attending : Employee	None	None	None
Salma Jabbour	Rutgers University : Associate Professor : Employee	Merck, Nestle	None	ARS AUC-ACR : AUC-ACR GI Committee Guidelines Chair Big Ten Cancer Research Consortium : Steering Committee Member and GI Co-Chair NCI Radiation Research Program : Upper GI Working Group Co-Chair
Jonathan Knisely	Weill Cornell Medicine : Faculty : Employee	None	None	ASTRO Annual Meeting Scientific Committee : Member ASTRO annual meeting CNS Track : Co-Chair
George Mikhaeel	Guy's Cancer Center Guy's and St. Thomas' Hospital : Consultant Clinical Oncologist : Other	None	None	None

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Robert Miller	Mayo Clinic : Professor : Employee	Tekcapital, PlcASTROBelluscura Ltd : Relationship ended 11-17-2017"	Belluscura Ltd. : Stock; StockOptions Tekcapital Plc. : Stock: StockOptions	Mayo Clinic Health System - Albert Lea/Austin : Vice Chair, Board of Trustees : Relationship ended 06-10-2016Belluscura, Ltd. : Chair, Board of Directors : Relationship ended 11-17-2017Tekcapital, Plc. : Non-Executive Director
Drew Moghanaki	Hunter Holmes McGuire Veterans Medical Center : Staff Physician : Employee; Virginia Commonwealth University : Associate Professor : Employee	Varian Medical Systems Veterans Affairs Cooperative Studies Program : I am the co-chair of a phase III lung SBRT trial that is funded by the VA-CSP.Bristol-Myers Squibb Foundation : Lung cancer screening	None	ASTRO : Chair Association of VA Hematology Oncology : Board member, Chair research committee Lung Cancer Alliance : Medical and Professional Advisory Board Lungevity Foundation : Scientific Advisory Board
Andreas Rimner	Memorial Sloan-Kettering Cancer Center : Assistant Attending : Employee	Varian Medical Systems : Funding for a prospective study using implantable fiducial markers Boehringer Ingelheim Pfizer Astra Zeneca	None	None
Stephanie Terezakis	Johns Hopkins School of Medicine : Associate Professor : Employee	Elekta"	None	None
Minh Tam Truong	Boston Medical Center : Chief Radiation Oncology : Employee	American Board Radiology	None	None
Michael Buckstein	Self : Icahn School of Medicine at Mount Sinai : Assistant Professor : Employee	None	None	None
David Carlson	Self : Yale-New Haven Hospital : Medical Physicist II : Employee; Self : Yale University School of Medicine : Associate Professor : Employee	None	None	None
Lauren Colbert	Self : UT MD Anderson Cancer Center : Resident : Employee	None	None	None
Parima Daroui	Self : University of California Irvine : Associate Clinical Professor : Employee	None	None	None

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Jason Domogauer	Self : Rutgers New Jersey Medical School : Resident : Employee; Family Member : Rutgers New Jersey Medical School : Fellow : Employee : Relationship ended 06-30-2018	None	Self : Rite Aid Pharmacy : Stock; Family Member : Rite Aid Pharmacy :Stock; Self : Facebook : Stock; Self : Synthesis Energy Systems :Stcok; Self : Proctor and Gamble : Stock; Self : AT&T : Stock; Self : Smuckers : Stock; Self : Lululemon : Stock; Self : Comcast : Stock; Self : General Electric : Stock	Scholars-in-Training : Committee Member; Self : Radiation Research Society - Membership : Committee Member; Self : Radiation Research Society - Constitution : Committee Member; Self : Radiation Research Society - Finance : Committee Member; Self : LGBT Health Workforce : Committee Member; Self : RBHS LGBT Working Group for a Better Health : Chairman
Yuanming Feng	Self : Brody School of Medicine, East Carolina University : Associate Professor : Employee	None	None	None
Carri Glide-Hurst	Self : Henry Ford Health System : Senior Staff Physicist : Employee	Self : Philips Medical System: Research Funding; Self : Philips Medical Systems: Honoraria; Self : Modus Medical: Research Funding	Self : Method and apparatus for categorizing breast densi : PatentLicenseFeesCopyright	Self : AAPM : Member
Chelain Goodman	Self : Northwestern University, McGaw Medical Center : Resident Physician : Employee	Self : Menarini Silicon Biosystems; Self : Brinson Foundation : Research Funding; Self : Friends of Prentice Grants Initiative : Radiotherapy for Early?Stage breast cancer Based on Circulating Tumor Cell Status: a Biomarker,Driven, NonRandomized NonInferiority Clinical Trial: Research Funding	None	Self : ARRO : Executive Committee Member
Jiayi Huang	Self : Washington University in St. Louis : Assistant Professor : Employee	None	None	None
Mitchell Kamrava	Self : Cedars Sinai Medical Center : Chief Brachytherapy Service : Employee	Self : Augmenix	None	Self : American Board of Radiology : Gyn Examiner; Self : Brachytherapy Journal : Editor - Gyn section; Self : Red Journal : Editor - Gyn section
Gary Kao	Self : University of Pennsylvania : Associate Professor : Employee	Self : University of Pennsylvania	None	None

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Eugene Koay	Self : MD Anderson Cancer Center : Assistant Professor : Employee	Self : FANCIAN : Translational research grant; Self : MD Anderson Cancer Center : Seed grants; Self : Philips : Sponsored Research Agreement; Self : National Institutes of Health : R01, U54, U01 grants; Self : General Electric : Imaging research grant	Self : Pending Patent : isPatentLicenseFeesCopyright; Self : Taylor and Francis LLC : Royalty	Self : Cholangiocarcinoma Foundation : Co-chair of Radiation Oncology Working Group
Martha Matuszak	Family Member : William Beaumont Hospital : Orthopaedic Surgeon : Employee; Self : University of Michigan : Associate Professor : Employee; Self : Univ of Michigan : Associate Prof : Employee	None	None	None
Mary Frances McAleer	None	None	None	None
Marc Mendonca	Self : Indiana University School of Medicine : Professor & Director of Radiation and Cancer Biology : Employee Self : Radiation Research Society : Editor-in-Chief : Independent Contractor	Self : Radiation Research Society; Self : Radiation Research Society : Editor-in-Chief of the RRS journal Radiation Research : Other Remuneration	None	Self : Radiation Research Society : Executive Committee & Council Member
Dimitris Mihailidis	Self : University of Pennsylvania : Chief of Photon program : Employee	None	None	Self : Oncology Data Systems-MUcheck : Member of the Scientific Advisory Board
Jean Moran	Self : University of Michigan : Professor : Employee	Self : AAPM; Self : Chartround; Self : Modus Medical Devices; Self : St. Jude Children's Research Hospital : Relationship ended 05-12-2018; Self : VA National Center for Patient Safety : Relationship ended 01-31-2018 Self : Varian Medical Systems: Research Funding; Self : Blue Cross Blue Shield of Michigan : Research Funding; Self : NIH : Research Funding	None	Self : AAPM : Chair
Lindsay Puckett	Self : Medical College of Wisconsin : Attending Physician : Employee	None	None	None

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Stephen Shiao	Self : Cedars-Sinai Medical Center : Assistant Professor : Employee; Family Member : Cedars-Sinai Medical Center : Assistant Professor : Employee	Self : ASTRO : ASTRO Junior Faculty Award, \$200,000 over 2 years.; Self : UCLA CTSI : Funding for laboratory-based research, \$90,000 for one year; Self : NCI : Salary and Supplies (K grant); Self : DoD : Salary and supplies for laboratory research	None	Self : NRG Oncology : Member and Liaison to CNS Group; Self : NCI Immunomodulation and Radiation Working Group : Member
Timothy Showalter	Self : University of Virginia : Associate Professor : Employee	None	None	None
Reid Thompson	Self : VA Portland Healthcare System : Physician : Employee	None	None	Self : American College of Radiology : Chair, Oncology Use Case Panel
Daniel Trifiletti	Self : Mayo Clinic Jacksonville : Radiation Oncologist : Employee	None	None	None
Amanda Walker	Self : Radiation Oncology Associates, PA : Radiation Oncologist : Employee; Family Member : Brigham and Women's Hospital : Radiologist : Employee	None	None	None
Joshua Walker	Self : Oregon Health & Science University : Assistant Professor : Employee; Family Member : Legacy Health : Physician : Employee	None	None	None
Jing Wang	Self : Ut Southwestern Medical Center : Associate Professor : Employee	None	None	None
Joanne Weidhaas	Self : UCLA : Professor : Employee	None	Self : Mira Dx : Stock, Royalty, PatentLicenseFeesCopyright; Family Member : MiraDx : Stock	Family Member : Mira Dx : Board Member
Brian Winey	Self : Massachusetts General Hospital : Physicist : Employee	Self : Elekta : Intrafractional imaging: Research Funding	None	None
Ying Xiao	Self : University of Pennsylvania : Professor : Employee	None	None	None
Raphael Yechieli	Self : University of Miami : Assistant Professor : Employee	None	None	None
Fang-Fang Yin	Self : Duke University Health System : Professor : Employee	Self : Varian Medical Systems: Research Funding	None	Self : SANTRO : Board of Directors; Self : AAPM : Board of Directors Member at Large, committees; Self : The International Stereotactic Radiosurger Society : Board member

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Ning Yue	Self : Cancer Institute of New Jersey, Rutgers University : Professor, Vice Chair and Chief of Physics : Employee	None	None	Self : Sino-American Network for Thera. Radiology an Onc. : Chairman of Board; Self : CAMPEP : Board of Directors
Todd Pawlicki	Self: UC San Diego: Vice-chair: Employee	None	Self: Image Owl, LLC: Stock	None
Benjamin Smith	Self: UT MD Anderson Cancer Center: Associate Professor; Family Member: UT MD Anderson Cancer Center: Assistant Professor	Self: MD Anderson Cancer Center: Research Funding; City of Hope Cancer Center: Honoraria: Relationship ended 7/13/2018	PatentLicenFees Copyright, Other: I co-invented technology that MD Anderson has licensed to Oncora Medical. A fraction of royalties and equity could be returned to me from MD Anderson because I co-invented this technology. I have no direct, personal financial relationship with Oncora and have not received, nor will I receive, any direct compensation from them.	None
Benjamin Movsas	Self: Henry Ford Health System: Chairman, Dept of RO; Employee	Self: Varian Medical Systems, Inc. Research Funding, Travel Expenses; Self: Philips, Inc: Research Funding, Travel Expenses: Self: ViewRay: Honoraria: Relationship ended 8/1/2018	None	Self: Radiation Therapy Oncology Group/NRG: Co chair Self: American Radium Society: Prseident Elect
Ronald Ennis	Self: United States Nuclear Regulatory Commission: Employee	None	None	None
Howard Sandler	Self: Cedars-Sinai Medical Center: Chairman: Employee	None	Self: Advanced Medical Isotope Corporation: Stock	None
Michael Kuettel	Self: Roswell Park Cancer Center: Professor and Chair: Employee	None	None	Self: NCCN: NCCN BOD
William Hartsell	Self: Radiation Oncology Consultants, Ltd.: Partner	None	Self: Elk Grove Radiosurgery Inc: Partnership, Other (Miniorty owner of GammaKnife equipment) Self: Illinois Cyberknife: Partnership	Self: Chicago Proton Center: Medical Director
Daniel Low	Self: UCLA: Vice-chair and Direct of Medical Physics	Self: ViewRay, Inc: Travel Expenses; Varian Medican Systems Inc: Research Funding; Siemens: Research Funding	Self: ViewRay: Srock	None
Catherine Park	Self: UCSF: Professor and Chair: Employee	Self: NIH: Rsearch Funding, Honoraria; Onosynergy, Ltd: Consultant; Merck: Advisory Board: Relationship ended 6/13/2018	Self: Oncosynergy: Stock, PatentLicenFeesCopyright	Self: UCSF Radiation Oncology: Dept Chair

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Member	Employment	OtherEmployment	LeadershipPosition_Outside_of_ASTRO	Consultant_or_Advisory_Role	Ownership_Stocks_Patents_Etc	Honoraria	ResearchFunding	OtherRemuneration
Krishna Howell	Family Member: Medtronic: Spouse an Executive: EmployeeSelf: Fox Chase Cancer Center/Temple: Assistant Professor: Employee	None	None	Family Member: Medtronic	Family Member : Covidien/Medtronic: Stock	None	None	Family Member: Medtronic: Spouse's Employer
Billy Loo	Stanford University: Associate Professor: Employee	None	National Comprehensive Cancer Network: Vice-chair; American College of Radiology: Chair; TibaRay, Inc.: Board Member	None	TibaRay, Inc.: Stock	None	Varian Medical Systems Inc	None
Benjamin Sintay	Cone Health: Chief Physician: Employee	None	American Association of Physicians in Medicine: Website Editorial Board Member	Varian Medical Systems	None	Varian Medical Systems	None	None
Brady Wouters	University Health Network: Senior Scientist: EmployeeFamily Member: University Health Network: Associate Scientist: Employee	None	Northern Biologics: Board	None	Northern Biologics: Stock	None	None	None
Alphonse Taghian	Massachusetts General Hospital: Physician, Professor at Harvard Medical School: Employee	None	None	VisionRT	None	UpToDate	Impedimed: I have been loaned equipment from Impedimed for use in an investigator initiated clinical trial. Impedimed has had no involvement in the conception or reporting of our research activities. The authors further declare that the research was conducted in the absence of any commercial or financial interests that may be construed as a potential conflict of interest.	None
David Wazer	Pratt Radiation Oncology Associates: Professor and Chairman: Employee	None	None	Advanced Radiation Therapy, Inc	Advanced Radiation Therapy, Inc: Stock Self : PointSource Technologies, LLC: Partnership : PatentLicenseFeesCopyright	None	None	None
Andrew Sharabi	University of California San Diego: Assistant Professor: Employee	None	San Diego Center for Precision Immunotherapy: Scientific Advisory Committee Member;	Toragen Biotechnologies: Founder/Advisor	Toragen Biotechnologies: Stock	None	Varian Medical Systems Pfizer: Clinical Trial Support	None
Andre Dekker	MAASTRO Clinic: Medical Physicist: EmployeeSelf: Medical Data Works B.V.: Chief Scientific Officer	None	Medical Data Works B.V.: Chief Scientific Officer; Peter Munk Cardiac Centre: Member scientific advisory board	Varian Medical Systems	None	Varian Medical Systems	Varian Medical Systems: competitive research grant	None
Marka Crittenden	The Oregon Clinic: Partner: Partnerfamily Member: Providence Health and Services: Assistant Member :Employee	None	None	None	ROGO: Partnership	Celldex: Relationship ended 07-01-2018	BMS Jounce Therapeutics	None
Ke Sheng	University of California, Los Angeles	None	None	VisionRT: Advisor	None	None	VisionRT: research funding	None
Sunil Advani	UCSD: Assoc Prof :Employee	None	None	Astellas	None	None	NIH: R01 and R03 Research Grants	None
Nahide Agazaryan	UCLA School of Medicine: Professor and Chief of Clinical Physics	None	AAPM-SCC: Chapter President	Brainlab	None	Brainlab	None	None
Michelle Alonso-Basanta	University of Pennsylvania: Assistant Professor :Employee	None	None	IBA	None	Varian	None	None
Beatriz Amendola	Innovative Cancer Institute: Medical Director : Partner	None	None	Varian Medical Systems Inc	None	Varian Medical Systems Inc	None	None
Mitchell Anscher	MD Anderson Cancer Center: Professor :Employee	None	Virginia Life Sciences Investments: Member, Scientific Advisory Board	MD Anderson Cancer Center	CivaTech Oncology: StockOptions	None	None	MD Anderson Cancer Center: employment
Smith Apisarnthanarak	University of Washington: Associate Professor :Employee	None	None	Medtronic	None	Medtronic	None	None
Christopher Barker	Memorial Sloan Kettering Cancer Center: Assistant Attending Radiation Oncologist: Employee	None	None	Charlotte Area Health Education Center: Relationship ended 10-21-2016; Driver Group: Relationship ended 12-01-2016; American Academy of Dermatology: Relationship ended 03-06-2016; AlphaTau Medical: Relationship ended 03-24-2018; National Comprehensive Cancer Network: Relationship ended 03-25-2018	None	Elsevier: Relationship ended 08-23-2017 Charlotte Area Health Education Center: Relationship ended 10-21-2016 Well Cornell Medical Center, Dept of Dermatology: Relationship ended 10-25-2016 University of Florida: Relationship ended 10-24-2017 University of Rochester: Relationship ended 10-28-2017 National Comprehensive Cancer Network: Relationship ended 03-25-2018	Elekta: Support paid to institution for investigator initiated trial University of California San Francisco: Support paid to institution for investigator initiated trial Merck: Support paid to institution for investigator initiated trial Amgen: Support paid to institution for investigator initiated trial	None
Michael Bassetti	Foundation: Assistant Professor :Employee	None	None	ViewRay Inc; ThirdBridge	None	None	Astra Zeneca	None
Sushil Beriwal	EmployeeSelf: UPMC Hillman cancer center: Professor :Employee	None	None	Brachytherapy Journal: Editorial Board; UROBP: Senior Editor	XOFT; Varian	Red Journal	None	XOFT
Ranjit Bindra	Yale University	None	None	None	Cybrea Therapeutics: StockOptions	None	None	None
Pierre Blanchard	Gustave Roussy Cancer Center: Associate Professor :Employee	None	Clinical and Translational Radiation Oncology: Editor in Chief	Astellas Pharma: Relationship ended 05-15-2018	None	None	Astellas Pharma: Relationship ended 05-15-2018 BMS: Relationship ended 05-15-2018 Amgen: Relationship ended 03-21-2018	None
Jeffrey Bradley	Washington University School of Medicine: Professor :Employee	None	American College of Radiology: Lung Cancer Committee Chair	Mevion Medical Systems	None	None	ViewRay, Inc: I have a research grant with ViewRay, Inc. Mevion Medical Systems: I am a co-investigator on a Master Research Agreement with Mevion Medical systems, Inc. The funds go to my Department for research expenses.	None
Julie Bradley	UF Health Proton Therapy Institute: Assistant Professor :Employee	None	Medical Dosimetry Certification Board: Board Member: Relationship ended 09-01-2018	Ion Beam Application: Relationship ended 05-01-2018	None	None	Research grants: Ocala Royal Dames, Bankhead-Coley Foundation	None
Scott Bratman	University of Washington: Assistant Professor: Radiation Oncologist - Clinician Scientist :Employee	None	None	None	Inventor on patent: PatentLicenseFeesCopyright	None	None	None

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Markus Bredel	UAB Hospital: Professor :Employee	None	None	None	None	Varian Medical Systems	Varian Medical Systems: Varian Medical Systems Investigator-Initiated Research Grant	None
Kristy Brock	The University of Texas MD Anderson Cancer Center: Professor :Employee	None	None	None	RaySearch Laboratories: Royalty	RaySearch Laboratories	RaySearch Laboratories: Research Grant on Adaptive Radiotherapy	None
Laura Cervino	University of California, San Diego: Associate Professor :Employee	None	AAPM: Women Professional Subcommittee, Chair; AAPM: Board Member at Large: Relationship ended 12-01-2018; AAPM: Imaging for Treatment Verification WG, Chair; AAPM :AAPM-SC chapter Secretary; AAPM: Ad hoc committee on Diversity strategic goal plan; AAPM: Therapy Imaging Subcommittee	None	None	None	Varian Medical Systems Inc: Research grant through UC San Diego's MRA	None
Eric Chang	Keck School of Medicine of USC: Professor and Chair :Employee	None	ASCO: Track Member	None	None	Abbvie	None	None
Patrick Cheung	Sunnybrook Odette Cancer Centre	Ontario Ministry of Health and Long-Term Care: Radiation Oncologist: Independent Contractor	None	None	None	None	Sanofi Aventis: Investigator initiated research grant. Pfizer: Investigator initiated research grant. Abbvie: Investigator initiated research grant.	None
Peter Chung	University Health Network: Physician :Employee	None	None	None	None	None	Sanofi	None
Eileen Connolly	Assistant Professor: EmployeeFamily Member: Celgene: Research Scientist :Employee	None	None	Zeiss: Relationship ended 11-15-2018	Family Member : Celgene: Stock : StockOptions	Zeiss: Relationship ended 11-15-2018	clinical grant: Relationship ended 07-01-2015 Merck: Investigator Initiated Grant - Window of	None
Ro'i Dagan	University of Florida: Assistant professor :Employee	None	None	Elekta	None	None	Elekta: Granting entity for a multi-institutional oligometastases research consortium	None
Alan Del Pra	University of Miami: Radiation Oncology :Employee	None	SARR: Principal Investigator; ESTRO: ESTRO-ACROP	GenomeDx Biosciences	None	None	GenomeDx Biosciences: Principal Investigator	GenomeDx Biosciences: Research agreement
Maximilian Diehn	Stanford University: Assistant Professor: EmployeeFamily Member: Kaiser Permanente: Physician :Employee	None	None	Roche: AstraZeneca: BioNTech	GiberMed: Stock	None	None	None
Lei Dong	University of Pennsylvania: Director of Medical Physics :Employee	None	None	None	Varian Medical Systems: Royalty	None	None	None
Freddy Escorcia	National Institutes of Health: Assistant Clinical Investigator: EmployeeFamily Member: Area 23: Medical Strategy Director :Employee	None	None	None	Novartis: Stock	None	None	None
Eric Ford	University of Washington: Professor :Employee	None	AAPM: Board of directors member	None	None	None	National Cancer Institute (NCI): UG3CA211330-01. NCI grant for global oncology development work. Partners with clinical and commercial groups in India (no funding received from them). Role: PI, 20% effort. National Cancer Institute (NCI): STTR grant to develop error-detection software. Partners with Sun Nuclear Corp. No funding received from commercial partner. PI is at University. Role: co-investigator, 5% effort	None
Meredith Giuliani	Princess Margaret Cancer Centre: Radiation Oncologist :Employee	None	Canadian Association of Radiation Oncology: Chair, Education Committee	Elekta Inc	None	Elekta Inc	Eli Lilly	None
Matthias Guckenberger	University of Zurich: USZ :Employee	None	DEGRO: DEGRO; ESTRO: ESTRO	None	None	None	Varian: Research Grant for Registry trial	None
Iona Hattangadi-Gluh	University of California San Diego Health Systems: Associate Professor :Employee	None	None	None	None	None	Varian Medical Systems: Research grant	None
Sarah Hoffe	Moffitt Cancer Center: Section Head, GI Radiation Oncology :Employee	None	None	None	None	Varian Reflexion	Varian: Grant is still in regulatory. Approved by company for award but no money received at this time.	None
Andrew Hope	Princess Margaret Cancer Center: Physician :Employee	None	None	Elekta, Inc	None	None	None	None
Peter Hoskin	Mount Vernon Hospital: EmployeeSelf: University of	None	Radiotherapy and Oncology: Editor; NICE: Member	2015; ESTRO: American College of Radiology: Relationship ended 05-18	None	None	Varian: For brachytherapy database	None

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Salma Jabbour	Rutgers University: Associate Professor: Employee	None	ARS AUC-ACR: AUC-ACR GI Committee Guidelines Chair; Big Ten Cancer Research Consortium: Steering Committee Member and GI Co-Chair; NCI Radiation Research Program: Upper GI Working Group Co-Chair	None	None	None	None	Merck Nestle	None
Steve Jiang	UT Southwestern Medical Center: Professor and Vice Chair: Employee	None	None	LinkingMed	Sun Nuclear: PatentLicenseFeesCopyright Self : TRID Inc: Partnership	None	None	Varian Medical Systems	None
Mitchell Kamrava	Cedars Sinai Medical Center: Chief Brachytherapy Service: Employee	None	American Board of Radiology: Gyn Examiner; Brachytherapy Journal: Editor - Gyn section; Red Journal: Editor - Gyn section	None	None	None	Augmerix	None	None
Mitchell Kamrava	Cedars Sinai Medical Center: Chief Brachytherapy Service: Employee	None	American Board of Radiology: Gyn Examiner; Brachytherapy Journal: Editor - Gyn section; Red Journal: Editor - Gyn section	None	None	None	Augmerix	None	None
Matthew Katz	Director: EmployeeSelf: Radiation Oncology Associates, PA: Partner: Partner	None	ASCO: Social Media Working Group; Massachusetts Medical Society: Chair	None	Dr. Reddy's Laboratories: Stock Self : U.S. Physical Therapy: Stock Self : Mazor Robotics: Stock	None	None	None	None
Atif Khan	Memorial Sloan Kettering Cancer Center: Associate Attending: Employee	None	None	Elekta	None	None	None	Elekta: Partial support of clinical trial Clanno Medical: Partial support of clinical trial	None
Randall Kimple	University of Wisconsin: Associate Professor: EmployeeFamily Member: University of Wisconsin: Associate Professor: Employee	None	International Journal of Radiation Oncology Biolog: Senior EditorFamily Member: Diabetes: Editorial Board	None	None	None	None	Peloton Therapeutics: Research: Relationship ended 07-01-2018 American Cancer Society: Research Scholar Grant National Institute of Health V Foundation for Cancer Research	None
Larissa Lee	Brigham and Women's Physician Organization: Physician, Radiation Oncology: EmployeeFamily Member: Brigham and Women's Physician Organization: Physician, Urologic Reconstruction: Employee	None	None	None	None	None	None	Bridge Expansion Grant: Quantitative tumor oxygen measurements in sarvix cancer Astra Zeneca: RT/immunotherapy for recurrent gyn cancer Joint Center of Radiation Therapy: Immunotherapy/RT in recurrent gynecologic cancer Dana-Farber Cancer Institute: molecular profiling of vulvar cancer	None
Percy Lee	UCLA Medical Center: Associate Professor: Employee	None	Committee Co-Chair: Committee Co-Chair	Viewray: Varian Inc.	None	None	Viewray Varian Inc.	Viewray	None
Zuofeng Li	University of Florida: Clinical Professor: Employee	None	None	NewRT Medical System	None	None	None	None	None
Lilie Lin	MD Anderson Cancer Center: Associate Professor: EmployeeFamily Member: VA Hospital: Radiologist: Employee	None	None	Astrazeneca	None	None	None	Astrazeneca: supports an investigator initiated research study	None
Steven Lin	MD Anderson Cancer Center: Associate Professor: Employee	None	None	None	None	None	None	Hitachi Chemical, Inc: research funds New River Labs: Research funding Beyond Spring Pharmaceuticals, Inc: Laboratory research funding	None
Simon Lo	University of Washington Medical Center: Professor of Radiation Oncology: Employee	None	Radiological Society of North America (RSNA): Radiation Oncology Track Chair: American College of Radiology: President-Elect; American Radium Society: Panel Chair; Radiosurgery Society: Medical Director	Elekta	None	None	None	None	Elekta: Partial research support
Daniel Low	UCLA: Vice-chair and Director of Medical Physics: Employee	None	None	None	ViewRay: Stock	None	None	None	None
Gikas Mageras	Memorial Sloan Kettering: Attending Medical Physics: Employee	None	American Assoc. Physicists in Medicine: Board of Editors, Medical Physics Journal	Varian Medical Systems Inc	None	None	None	Varian Medical Systems Inc: Research Agreement with Memorial Sloan Kettering	Varian Medical Systems Inc: Software Development Agreement
Raymond Mak	Brigham and Women's Hospital/Dana-Farber: Assistant professor: Employee	None	None	NewRT: Relationship ended 03-31-2018	None	None	NewRT: Relationship ended 03-31-2018	None	None
Charles Mayo	University of Michigan: Associate Professor: Employee	None	AAPM: Chair TG-263 Radiation Oncology Nomenclature	None	None	None	None	Varian Medical Systems	None
Todd McNutt	Johns Hopkins University: Associate Professor: Employee	None	AAPM-MAC: President: Relationship ended 12-31-2015	None	Accuracy-Tomotherapy: PatentLicense, Fees, Copyright: Self : Sun Nuclear: PatentLicenseFeesCopyright	None	None	Elekta Oncology Systems: Relationship ended 09-01-2017 Philips Radiation Oncology Systems: Shape based IMRT Planning Canon: funding for post-doc	None
Joshua Meyer	Fox Chase Cancer Center: Assistant Professor, Radiation Oncology: Employee	None	None	None	None	None	Varian	None	None
Melissa Mitchell	University of Kansas: Assistant Professor: Employee	None	None	None	Family Member : mallinckrodt: Stock	None	None	None	None
Drew Moghanaki	Hunter Holmes McGuire Veterans Medical Center: Staff Physician: EmployeeSelf: Virginia Commonwealth University: Associate Professor: Employee	None	ASTRO: Chair; Association of VA Hematology Oncology: Board member, Chair research committee; Lung Cancer Alliance: Medical and Professional Advisory Board; Lungevity Foundation: Scientific Advisory Board	None	None	None	Varian Medical Systems	Veterans Affairs Cooperative Studies Program: I am the co-chair of a phase III lung SBRT trial that is funded by the VA-CSP. Bristol-Myers Squibb Foundation: Lung cancer screening project	None
Gerard Morton	Sunnybrook Health Sciences Centre	Sunnybrook Odette Cancer Centre: Radiation Oncologist: Independent Contractor	Canadian Association of Radiation Oncologists: Regional Director	None	None	None	Astra Zeneca Abbvie	None	None
Kevin Oh	Massachusetts General Hospital: Radiation Oncologist: Employee	None	JRDBP: CME editor	None	None	None	None	Merck & Co., Inc.: Funding for clinical trials involving immune therapy and brain metastases	None

## 2019 ASTRO Annual Meeting Abstract Reviewer Disclosures

Nitin Ohri	Albert Einstein College of Medicine	None	None	Merck	None	None	None	None	None
Catherine Park	UCSF: Professor and Chair: Employee	None	UCSF Radiation Oncology: Department Chair	Oncosynergy, Ltd	Oncosynergy: Stock : PatentLicenseFeesCopyright	NIH	NIH	None	None
Jay Paul Reddy	MD Anderson Cancer Center: Assistant Professor: EmployeeFamily Member: Affordable Dental: Dentist: Employee	None	None	VisionRT	None	None	None	None	None
Kristin Redmond	Johns Hopkins University: Faculty Member: Employee	None	None	Elekta AB; Accuray	None	None	AstraZeneca Accuray	Elekta AB Accuray: Funding for clinical trial	None
Andrew Rimmer	Memorial Sloan Kettering Cancer Center: Associate Attending: Employee	None	International Thymic Malignancies Interest Group: Vice President; International Mesothelioma Interest Group: Board Member	Philips/Elekta: Relationship ended 09-28-2018	None	None	None	Varian Medical Systems: Funding for a prospective study using implantable fiducial markers Boehringer Ingelheim Pfizer Astra Zeneca	None
Mark Rivard	Rhode Island Hospital: Medical Physicist and Director of Brachytherapy Physics: Employee	None	National Council of Radiation Protection and Measu: Council Member	CivaTech Oncology, Inc.; Bard Medical; Liberty Vision LV, Inc.; IsoRay Medical, Inc.	Advanced Radiation Therapy, LLC: StockOptions	CivaTech Oncology, Inc.	None	None	None
Mack Roach	University of California San Francisco: Professor, Department of Radiation Oncology: EmployeeSelf: National Cancer Institute: Board Member: Employee	None	NCAB: Board Member	Janssen Pharma: International Atomic Energy Agency; Bayer; Blue Earth; Myriad; Xoopharma	Family Member : Abbott, Agilent, Altria, GSK, Hospira: Stock	Blue Earth Myriad Xoopharma	None	None	None
Arjun Sahgal	Sunnybrook Health Sciences Centre	None	International Society of Stereotactic Radiosurgery: Ex Office; AO Spine: AO Spine Tumor Forum committee member	Elekta AB; Varian	None	Elekta AB Varian	Elekta AB: Support research withme as acting PI	None	None
Arjun Sahgal	Sunnybrook Health Sciences Centre	None	International Society of Stereotactic Radiosurgery: Ex Office; AO Spine: AO Spine Tumor Forum committee member	Elekta AB; Varian	None	Elekta AB Varian	Elekta AB: Support research withme as acting PI	None	None
Jonathan Schoenfeld	Brigham and Women's Hospital: Radiation Oncologist: Employee	None	NCI Match Subprotocol Z1D: Translational PI	BMS; Tilos	None	None	None	BMS: Research funding paid to institution Merck: Research funding paid to institution	None
Gregory Sharp	Massachusetts General Hospital: Medical Physicist: Employee	None	American Association for Physicians in Medicine: Board member	None	None	None	None	Elekta: Corporate sponsored research	None
Shankar Siva	Peter MacCallum Cancer Centre: Associate Professor: Employee	None	None	Bristol Meyer Squibb; Astellas; Astra Zeneca: Relationship ended 10-30-2018	None	None	None	Varian Industries: Collaborative research funding	None
Michael Story	University of Texas Southwestern Medical Center: Professor: Employee Cleveland Clinic: Staff physician: Employee	None	None	Galera Therapeutics LLC; Novocure	None	Novocure	None	Galera Therapeutics LLC: examining mechanisms of radioprotection and anti-tumor effects of lead agent, which is an investigational new drug, not yet FDA-approved. Novocure: Cell killing mechanisms of TTFIELDS exposure in lung and pancreatic cancer cell lines	Novocure: Grant, honoraria for speaking, honoraria for meeting organization
Rahul Tendulkar	None	None	None	None	None	Varian Medical Systems	None	Varian Medical Systems: Compensation for software evaluation: Relationship ended 12-31-2018	None
Boon-Keng Kevin Teo	University of Pennsylvania: Associate Professor	None	None	None	None	None	None	Elekta: Relationship ended 12-13-2018 ASELL: receive salary support from ASELL for a clinical trial: Relationship ended 12-13-2018	None
Stephanie Terezakis	Montefiore Medical Center: Professor and Chief, Division of Medical Physics: Employee	None	AAPM: Working Group for SBRT	Varian Inc.; Arceus	Wisconsin Alumni Research Foundation: Royalty ; PatentLicenseFeesCopyright	Varian Inc.	Varian Inc. Chrysalis, Inc.	Astra Zeneca: Research funding to support phase 1 investigator initiated trial	None
Richard Tuli	Cedars-Sinai Medical Center: Associate Professor: Employee	None	None	Astra Zeneca	None	None	None	None	None
Michael Veteč	Princess Margaret Cancer Centre: Radiation Therapist: EmployeeFamily Member: Princess Margaret Cancer Centre: Radiation Therapist: Employee	None	None	CAMRT	None	CAMRT	None	None	None
Ping Xia	Cleveland Clinic: Physicist: EmployeeFamily Member: Cleveland Clinic: Physicist: Employee	None	None	None	None	None	None	Philips Healthcare	None
Lei Xing	Stanford University: Professor: Employee	None	None	None	Varian Medical Systems, Standard Imaging Inc.: Royalty	Varian Medical Systems	Varian Medical Systems: I am the PI for a master research agreement between Stanford and Varian	None	None
Jason Ye	Keck School of Medicine of USC: Assistant Professor of Clinical: Employee	None	None	AstraZeneca; Varian Medical Systems	None	None	None	None	None
Kelly Young	University of Michigan: Assistant Professor: Employee	None	None	None	None	None	None	Varian Medical Systems: Grant to investigate the clinical use of knowledge based planning with RapidPlan	None
Steven Chmura	University of Chicago: Associate Professor :Employee	None	None	Reflexion Medical: Consultant; Other	None	None	None	None	None
Kevin Chua	National Cancer Centre Singapore: Consultant: Employee	None	National Cancer Centre Singapore: Co-Chair Neuro Oncology Cancer Service Workgroup	National Cancer Centre Singapore; AstraZeneca Singapore	None	Varian	None	None	None
Phillip Devlin	Brigham and Women's Physician Organization Inc: Chief, Division of Brachytherapy: Employee	None	Massachusetts Medical Society: Finance and Audit Committee	Sirtex Corp: Member Medical Advisory Board: Other	None	None	None	None	None
Jason Efstathiou	Massachusetts General Hospital: Director :Employee	None	None	Blue Earth Diagnostics; Taris Biomedical	None	None	None	None	None





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John Cuaron	Memorial Sloan Kettering Cancer Center: Faculty Member -Employee University of California Irvine: Associate Clinical Professor -Employee	None	None	None	None	None	None	None	None
Parima Daroui		None	None	None	None	None	None	None	None
Indira Das	NYU Langone Health: Vice Chair, Professor, Dir Med Phys -Employee	None	None	ACR: Committee Member and Surveyor; BJ Radiology: Associate Editor; ASTRO: committee member and Chair; ABR: examiner; AAPM: Committee member and Chair; Medical Physics: Associate Editor	None	None	None	None	None
Erin Davis	Penn Medicine: Nurse Practitioner -Employee	None	None	Pennsylvania Coalition of Nurse Practitioners: legislative committee member and conference chair	None	None	None	None	None
Robert Dess	University of Michigan: Assistant Professor -Employee	None	None		None	None	None	None	None
Curtland Deville	Johns Hopkins: Associate Professor -Employee	None	None		None	None	None	None	None
Adam Dicker	Thomas Jefferson University: Professor and Chair -Employee	None	None	Department of Defense: Chair Prostate Cancer Foundation	None	None	None	Radiation Therapy Oncology Group	None
Thomas Dilling	Moffitt Cancer Center: Associate Member, Radiation Oncology -Employee	None	None	NCCN: Panel Member, NSCLC, Mesothelioma, Thymoma Cmre's	None	None	None		None
Nesrin Dogan	University of Miami	None	None		None	None	None		None
Corinne Doll	Alberta Health Services: Radiation Oncologist -Employee	None	None	Tom Baker Cancer Centre, Calgary: Deputy Medical Director; University of Calgary, Department of Oncology: Deputy Clinical Department Head; Canadian Association of Radiation Oncology: President-Elect, NCI Gynecologic Cancer Steering Committee: Special Expert	None	None	None	None	None
Eric Donnelly	Northwestern Memorial Hospital: Attending Physician -Employee University Hospitals - Seidman Cancer Center	None	None		None	None	None	None	None
Jennifer Dorth	Massachusetts General Hospital: Nurse Practitioner - GI Radiation Oncology -Employee	None	None		None	None	None	None	None
Lorraine Drapek	Eich: Prof. Dr. -Employee	None	None		None	None	None	None	None
Hans Theodor Eich		None	None		None	None	None	None	None
Andrew Elia	Massachusetts General Hospital: Assistant Professor -Employee	None	None		None	None	None	Burroughs Wellcome Fund: Burroughs Wellcome Fund Career Award for Medical Scientists	None
Jacklyn Emmett	Hospital of the University of Pennsylvania: Nurse Practitioner -Employee	None	None		None	None	None	None	None
Ralph Ermolan	University of Washington: Assistant Professor: Employee Family Member: Neighborhood Healthcare: Family Physician -Employee	None	None		None	None	None	None	None
Steven Feigenberg	university of pennsylvania: professor, vice chair of clinical research -Employee	None	None		None	None	None	None	None
Emma Fields	Virginia Commonwealth University: Radiation Oncologist -Employee	None	None		None	None	None	None	None
Christine Fisher	University of Colorado Denver: Assistant Professor -Employee	None	None		None	None	None	None	None
Luis Fong de los Santos	Mayo Clinic: Medical Physics Faculty -Employee	None	None		None	None	None	None	None
Bryan Foster	Carolinas HealthCare System: Medical Physicist -Employee	None	None		None	None	None	None	None
Benedick Fraass	Cedars-Sinai Medical Center: Prof., Vice Chair for Research, Director of Medical Physics -Employee	None	None	International Organization for Medical Physics: Science Committee Member; AAPM: Science Council Chair; Board of Directors member	None	None	None	None	None
Jessica Frakes	Moffitt Cancer Center: Assistant Member: Employee Family Member: WellCare Health Plans Inc: Director of Strategic Initiatives, Corporate Strategy and Development -Employee	None	None		None	None	None	None	None
Laura Freedman	University of Miami: Assistant Professor -Employee	None	None		None	None	None	None	None
Carolyn Frezman	McGill University Health Centre	None	None		None	None	None	None	None
David Gaffney	University of Utah: Professor -Employee	None	None	NCI: Co-chair NCI	None	None	None	NCI: NCTN (coop group trials)	None
Thomas Galloway	Fox Chase Cancer Center: Attending Physician, Director of Clinical Research -Employee University of New Mexico Cancer Center	None	None	Rare Tumors Task Force: Co-Chair	None	None	None	None	None
Gregory Gan		None	None		None	None	None	None	None
Yolanda Garces	Mayo Clinic: Senior Associate Consultant -Employee	None	None		None	None	None	None	None
Hiram Gay	Washington University School of Medicine: Associate Professor -Employee	None	None		None	None	None	None	None
Yaorong Ge	University of North Carolina: Charlotte	None	None	Wake Forest University Health Sciences: Adjunct Faculty: Other	None	None	None	None	None
Naamit Gerber	NYU School of Medicine: Assistant Professor -Employee	None	None		None	None	None	None	None
Naamit Gerber	NYU School of Medicine: Assistant Professor -Employee	None	None		None	None	None	None	None
Elizabeth Gore	Medical College of Wisconsin: Professor of Radiation Oncology: Employee Family Member: Stuart Wong: Professor of Medicine: Partner	None	None	NRG Oncology: Co-Chair Publications Committee	None	None	None	None	None









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John Austin Vargo	West Virginia University: Assistant professor: Radiation Oncology: Employee	None	None	None	None	None	None	None	None
Akila Viswanathan	Johns Hopkins University: Executive: Vice Chair, Radiation Oncology: Employee	None	None	None	None	None	None	None	None
Mark Waddle	Mayo Clinic: Resident: Employee	None	None	None	None	None	None	None	None
Gary Walker	Banner Health: Radiation Oncologist: Employee	None	None	None	None	None	None	None	None
Dian Wang	Rush University Medical Center: Professor: Employee	None	None	None	None	None	None	None	None
Randy Wei	Memorial Radiation Oncology Medical Group	Memorial Care Radiation Oncology: MD: Independent Contractor	None	None	None	None	None	None	None
Stephanie Weiss	Fox Chase Cancer Center: Chief, Adult CNS Tumors and Radiosurgery: Employee	None	ACRO: Committee Member	None	None	None	None	None	None
Ning Wen	Henry Ford Health System: Sr. Staff Physician: Employee/Family Member: William Beaumont Hospital: Physician: Employee	None	None	None	Microsoft: Stock	None	American Cancer Society	None	None
Julia Wong	Brigham and Women's Physician Organization: Physician: Employee/Family Member: Harvard Vanguard: Radiologist: Employee	UpToDate: Author: Independent Contractor	None	None	None	None	None	None	None
William Woods	University of MS Medical Center: Faculty Instructor Nurse Practitioner: Employee	None	None	None	None	None	None	None	None
Ying Xiao	University of Pennsylvania: Professor: Employee	None	None	None	None	None	None	None	None
Catheryn Yashar	University of California San Diego: Professor: Employee/Family Member: Kaiser Permanente: physician: Partner	None	American College of Radiation Oncology: Board Member; American Brachytherapy Society: Chairman of the Board; University of California San Diego: Chair of Committee; University of California San Diego: Vice Chief of Staff	None	None	None	None	None	None
Debra Yeboa	MD Anderson faculty: Assistant professor: Employee	None	None	None	None	None	None	None	None
Melissa Young	Yale Therapeutic Radiology: Faculty: Employee/Family Member: Yale Department of Cardiology: Fellow: Employee	None	None	None	Yale Patent Office: PatentLicenseFeesCopyright	None	None	None	None
Ning Yue	Cancer Institute of New Jersey, Rutgers University: Professor, Vice Chair and Chief of Physics: Employee	None	Sino-American Network for Thera. Radiology an Onc., Chairman of Board; CAMRSP: Board of Directors	None	None	None	None	None	None
Youssef Zeidan	American University of Beirut Medical Center	youssef.dr: Other: Relationship ended 07-12-2017	None	None	None	None	None	None	None
X. Ronald Zhu	MD Anderson Cancer Center	Proton Therapy Physics Consulting: Consultant: Other	None	Emory University	None	None	None	None	None
Thomas Zilli	Thomas Zilli: MD: Employee	None	None	Thomas Zilli: Treasurer	None	None	None	None	None
Join Luh	Actimatech, Inc: CEO: Partner	St. Joseph Hospital: Join Y. Luh, MD: Independent Contractor/Self:	American College of Radiology / CARROS: Executive committee, Secretary; American College of Radiology: Chair; American Cancer Society: Greater Bay Area Redwood Region Board Member; ASTRO-CAQC-HIT subcommittee: Vice-chair: Relationship ended 08-24-2017; Humboldt Del Norte County Medical Society: Secretary/Treasurer, Board member	American College of Radiology; Humboldt Independent Practice Association; Cruz Quality Solutions: Advisory Board Member	Actimatech, Inc: Stock : Partnership	American College of Radiology Humboldt Independent Practice Association	None	None	None
Michael Zetelsky	Memorial Sloan-Kettering Cancer Center: Attending Physician: Employee	None	None	Consultant	None	None	None	None	None
Vincenzo Valentini	Geneth ART: Radiation Therapy Department: Full Professor and Chair: Employee	None	None	None	None	None	None	None	None
Ramon Alfredo Siochi	Infondrian, LLC: Chief Technical Officer: Employee/Self: West Virginia University: Professor: Employee	None	Penn Ohio Chapter of the AAPM: President	None	None	None	None	None	None
Joanne Weidhaas	UCLA: Professor: Employee	None	Family Member: Mira Dc: Board Member	None	Mira Dc: Stock : Royalty : PatentLicenseFeesCopyright Family Member : MiraDc: Stock	None	None	None	None
Bhisham Chera	University of North Carolina Hospitals: Assistant Professor: Employee	None	Naveris: Scientific Advisory Board	QC-HAC NanoLive SA: Scientific Advisory Board: Other	Naveris: PatentLicenseFeesCopyright Other	None	None	None	None
Clemens Grassberger	Massachusetts General Hospital: Research Fellow: Employee	None	None	None	NanoLive SA: Stock	None	NIH: funding	None	None
Katherine Griem	Nuclear-Oncology, S.C.: partner: Partner	None	None	None	Nuclear Oncology Facilities LLC: Partnership	None	None	None	None
Tiezhi Zhang	Washington University: Assistant Professor: Employee	None	None	None	Tetraimaging LLC: Partnership	None	None	None	None
Megan Daly	University of California Davis: Assistant Professor: Employee	None	JROBP: Associate Editor; Practical Radiation Oncology: Executive Editor; Seminars in Oncology: Editorial Board Member	Triptych Health Partners: Relationship ended 12-11-2018	None	None	None	NIH: Research grants (co-investigator with salary support and trainee on K12) Department of Defense: Co-PI on DOD lung cancer grant with salary support: American Cancer Society: Relationship ended 12-31-2016 EMD Serono: Clinical Trial Funding	None
Richard Bakst	Mount Sinai School of Medicine	None	None	None	None	None	None	None	None
Glenn Stuart Bauman	Western University: Chair/Chief Oncology: Employee	London Health Sciences Centre: Radiation Oncologist: Independent Contractor	London Health Sciences Centre: Chair/Chief of Oncology	None	None	None	None	None	None
Lia Halsz	University of Washington	None	None	None	None	None	Fred Hutch/Univ of Washington Cancer Consortium: Salary support for clinical outcomes research	None	None

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Mark Henderson	Columbus Regional Hospital	None	Oregon Coast Musical Association: Member of the board of directors.	None	Bay Area Radiation Oncology PC: Stock Family Member	None	None	None
Eric Klein	Rhode Island Hospital	ASTRO: Senior IJORBP editor: Other	IJORBP: Senior Associate Physics Editor	None	None	None	None	None
Shane Lloyd	University of Utah: Assistant Professor: Employee	None	None	None	None	None	None	None
Alexander Louie	London Health Sciences Center: Radiation Oncologist: Employee	None	None	None	None	Sirtex Corp	None	None
Robert Miller	Mayo Clinic: Professor: Employee	None	Mayo Clinic Health System - Albert Lea/Austin: Vice Chair, Board of Trustees; Tekcapital, Ptc.	Tekcapital, Ptc; ASTRO	None	None	None	None
Tamim Niazi	McGill University	None	None	Attended advisory boards for: ABBVIE, ASTELLAS, JANSEN, BAYER, SANOFI, AMGEN, ASTRAZENECA, ALLERGEN, FIRRING	None	Receive travel expenses from some: ABBVIE, ASTELLAS, JANSEN, BAYER, SANOFI, AMGEN, ASTRAZENECA, ALLERGEN, FIRRING	Receive grants for clinical trials from: ABBVIE, ASTELLAS, JANSEN, BAYER, SANOFI, AMGEN, ASTRAZENECA, ALLERGEN, FIRRING	None

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FirstName	LastName	Employment	Compensation Remuneration Funding	Ownership Investment Interests	Leadership Positions
Mohamed	Abazeed	Cleveland Clinic: Assistant Professor: Employee	Bayer: Honoraria: Research Grants: Travel Expenses; Siemens Healthcare: Research Grants	None	None
May	Abdel-Wahab	International Atomic Energy Agency: Director Division of Human Health Radiation Oncologist: Employee	None	None	ACR & florida radiological society (FRS): appropriateness criteria taskforce member; FRS boar: educational and expert panel; United Nations ute agency task force steering comm: Steering committee member: Member
Scarlett	Acklin	University of Arkansas for Medical Sciences	None	None	None
Jessica	Adams	ASTRO: Health Policy Analyst: Employee	None	None	None
Quentin	Adams	University of Iowa Hospitals and Clinics	National Cancer Institute: Research Grants; National Institute of Biomedical Imaging and Bioengineering: Research Grants	Advanced rotating shield brachytherapy and planning of the same: Patent/License Fees/Copyright	None
David	Adelstein	Cleveland Clinic: Staff Physician: Employee	None	None	ASCO Head and Neck Cancer Guideline Advisory Group: Co-chairman
Jenna	Adleman	University of Toronto	None	None	None
Mustafa	Adli	Marmara University School of Medicine	None	None	None
Sunil	Advani	UCSD: Assoc Prof: Employee	Astellas: Consultant; NIH: Research Grants	None	None
Ankit	Agarwal	UNC Health Care: Resident Physician: Employee	None	None	American Medical Association: Alternate Delegate to the House of Delegates: Voting member in the AMA, representing the residents and fellows section of the AMA and the North Carolina Medical Society; ASTRO: ASTRO: APOE Executive Committee
Manmeet	Ahluwalia	Cleveland Clinic	None	None	None
Ali	Ajdari	Massachusetts General Hospital, Harvard Medical School	None	None	None
Tetsuo	Akimoto	National Cancer Center Hospital East	None	None	None
Karine	Al Feghali	The University of Texas MD Anderson Cancer Center	None	None	None
Ashley	Albert	University of Mississippi Medical Center: Resident Physician: Employee	None	None	None
Kevin	Albuquerque	UTSW: Professor of Radiation Oncology: Employee	AART: Travel Expenses; ACR: Honoraria: Travel Expenses	None	None
Sara	Alcorn	Family: Johns Hopkins University: Assistant Profesor: Employee; Johns Hopkins University: Assistant Professor: Employee	Elekta AB: Research Grants	None	ASTRO: Committee member: Committee on Health Equity, Diversity and Inclusion; ASTRO: Committee member: Research Grants Evaluation Subcommittee
Kaled	Alektiar	Memorial Sloan Kettering Cancer Center	None	None	None
Hania	Al-Hallaq	University of Chicago: Associate Professor: Employee	Varian Medical Systems: Research Grants	The University of Chicago: Royalty	Red Journal: Associate Editor: Physics Section since July 2017; Society of Directors of Academic Medical Physics: Board member: Since 2017
Michelle	Alonso-Basanta	University of Pennsylvania: Associate Professor: Employee	IBA: Travel Expenses; Varian: Honoraria	None	None
Sudha	Amarnath	Cleveland Clinic Taussig Comprehensive Cancer Center	None	None	None
Beatriz	Amendola	Innovative Cancer Institute: Medical Director: Partner	Varian Medical Systems Inc: Honoraria: Travel Expenses	None	None
Behrang	Amini	MD Anderson Cancer Center	None	None	None
Uri	Amit	Sheba Medical Center	None	None	None

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Mark	Amsbaugh	Memorial Hermann Hospital: Attending Radiation Oncologist: Employee	None	None	None
Erik	Anderson	Memorial Sloan Kettering Cancer Center	None	None	None
Joshua	Anderson	Vanderbilt University School of Medicine	None	None	None
Penny	Anderson	Fox Chase Cancer Center	None	None	None
Sanjay	Aneja	Yale New Haven Hospital: Physician: Employee	None	None	None
Christopher	Anker	University of Vermont Larner College of Medicine	None	None	None
Mitchell	Anscher	MD Anderson Cancer Center: Professor: Employee: Relationship ended 07/01/2019; US Food and Drug Administration: Medical Officer: Employee	MD Anderson Cancer Center: Research Grants: Relationship ended 07/01/2019	CivaTech Oncology: Stock: Relationship ended 05/15/2019	Virginia Life Sciences Investments: Member, Scientific Advisory Board: Relationship ended 03/15/2019
Mekhail	Anwar	University of California, San Francisco: Assistant Professor: Employee	None	None	None
Anthony	Apicelli	VA St. Louis Health Care System: Staff Physician: Employee; Family: Washington University: Assistant Professor: Employee; Washington University: Assistant Professor: Employee	None	None	None
Smith	Apisarnthanarax	University of Washington: Associate Professor: Employee	Medtronic: Consultant: Honoraria	None	None
Paul	Aridgides	SUNY Upstate Medical University	None	None	None
John	Armstrong	St Luke's Hospital: Professor: Employee	Healthbeacon: Consultant	Healthbeacon: Stock	None
Thimmarayappa	Arun	All India Institute Of Medical Sciences	None	None	None
Laura	Ashack	Department of Radiation Oncology, Northwestern University Feinberg School of Medicine	None	None	None
Katelyn	Atkins	Brigham and Women's Hospital and Massachusetts General Hospital: Resident Physician: Employee	None	None	None
Alexander	Augustyn	MD Anderson Cancer Center: Clinical Resident: Employee	None	None	None
Diandra	Ayala-Peacock	Family: Anesthesia Medical Group: Anesthesiologist: Employee; Vanderbilt University: Assistant Professor: Employee	None	None	NRG: NRG Cervix Core Committee Member
Houda	Bahig	Centre Hospitalier de l'Universite de Montreal (CHUM)	Varian Medical Systems: Research Grants	None	None
Claude	Bailat	Centre Hospitalier Universitaire Vaudois	None	None	None
Katy	Balazy	Stanford University Medical Center: Radiation Oncology Resident: Employee	None	None	None
Tracy	Balboni	Brigham and Women's Physician's Organization: Attending Physician: Employee; Family: Dana-Farber Cancer Institute: Academic Researcher: Employee: Relationship ended 6/30/18	Templeton Foundation: Research Grants	None	ASCO Palliative Care Steering Committee Member: Steering Committee Member: Relationship ended 11/14/2018
Elizabeth	Baldini	Brigham and Women's Hospital: Radiation Oncologist: Employee	UpToDate: Royalties	None	None
Leslie	Ballas	USC: associate clinical professor: Employee	None	None	None
James	Balter	Family: University of Michigan: Professor: Employee; University of Michigan: Professor: Employee	None	None	None
Peter	Balter	UT MD Anderson Cancer Center: Professor: Employee	RaySearch: Research Grants; Varian: Research Grants	None	None

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Claire	Baniel	University of Wisconsin School of Medicine and Public Health	None	None	None
Leou Ismael	Banla	Medical College of Wisconsin: MSTP trainee: Employee	None	None	None
Christopher	Barker	Memorial Sloan Kettering Cancer Center: Assitant Attending Radiation Oncologist: Employee	University of California San Francisco: Research Grants	None	None
Ramsankar	Basak	UNC Chapel Hill: research associate: Employee	None	None	None
James	Bates	University of Florida: Resident Physician: Employee	None	None	None
Christian	Baues	University of Cologne	None	None	None
Glenn Stuart	Bauman	London Health Sciences Centre: Radiation Oncologist: Independent Contractor; Western University: Chair/Chief Oncology: Employee	None	None	London Health Sciences Centre: Chair/Chief of Oncology: Chair/Chief of Oncology
Brian	Baumann	Family: University of Pennsylvania School of Medicine: fellow: Employee; Washington University School of Medicine: <del>assistant professor: Employee</del>	None	None	None
Abhishek	Bavle	University of Oklahoma Health Sciences Center	None	None	None
Shrujal	Baxi	Flatiron Health, an independent subsidiary of the Roche Group: Senior Medical Director: Employee	None	Roche: Stock Options	None
Andrew	Bayley	Princess Margaret Cancer Centre/University of Toronto	None	None	None
Beth	Beadle	Stanford University: Associate Professor: Employee	NIH: Research Grants	None	American Radium Society: Secretary: Secretary of the organization (unpaid)
Brian	Beaty	University of North Carolina Hospitals	None	None	None
Sam	Beddar	The University of Texas MD Anderson Cancer Center	None	None	None
Manpreet	Bedi	Medical College of Wisconsin: Radiation Oncologist: Employee	None	None	None
Whitney	Beeler	University of Michigan, Department of Radiation Oncology	None	None	ACGME: Resident Representative
Justin	Bekelman	University of Pennsylvania Department of Radiology: Associate Professor: Employee	None	None	None
Jose	Belderbos	Netherlands Cancer Institute: radiation oncologist: Employee	None	None	None
Erica	Bell	The Ohio State University: Associate Professor: Employee	None	None	None
Jennifer	Bellon	Brigham and Women's Hospital: Faculty: Employee; Brigham and Women's Hospital: Physician: Employee	Accubost: Honoraria: Relationship ended 09/30/2018; Accuray: Honoraria: Relationship ended 10/01/2018; Leidos Biomedical Research: Honoraria; Nanostring: Research Grants; Prosigna: Research Grants; Red journal: Honoraria; UptoDate: Honoraria; Wolters Kluwer: Honoraria	None	ABR: Breast Cancer Oral Boards Chair; American Board of Radiology: Oral exam chair: Chair of oral examination in breast cancer; Bold Task Force: Co-Chair: Review local therapy protocols prior to NCI Steering committee review; Dana-Farber Cancer Institute and Brigham and Women's Hospital: Director of breast radiation oncology: breast group leader; Red Journal: Editor, senior: senior breast cancer editor; Red Journal: Senior Editor: Editor
Merav	Ben-David	Sheba Medical Center	None	None	None
Cecil	Benitez	Stanford University	None	None	None
Soren	Bentzen	University of Maryland Baltimore: Professor: Employee	University of Copenhagen: Travel Expenses	None	None

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Carmen	Bergom	Medical College of Wisconsin: Assistant Professor: Employee; Medical College of Wisconsin: Resident Physician: Employee	Mary Kay Foundation: Research Grants; NIH: Research Grants; Susan G. Komen Foundation: Research Grants	None	American Cancer Society: Member; Radiation Oncology Institute: Member
Sushil	Beriwal	UPMC: Associate Professor: Employee; UPMC Hillman cancer center: Professor: Employee	Varian: Consultant; Via oncology: Assistant medical director; XOFT: Honoraria: Data safety monitoring board member, breast expert	Red Journal: Senior editor	Brachytherapy Journal: Editorial Board; IROBP: Senior Editor
Abigail	Berman	University of Pennsylvania: Assistant Professor: Employee	None	None	None
David	Beyer	Cancer Centers of Northern Arizona Healthcare: Medical Director: Independent Contractor	Augmenix: Honoraria	Videra: Stock	American College of Radiology: Member Council Steering Committee: Participate in planning and execution of ACR annual meetings; Arizona Medical Association: Member Board of Directors: State medical society; Arizona Medical Board: Board member: Oversight of physician licensing and patient
Nan	Bi	National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital; Chinese Academy of Medical Sciences and Peking Union Medical College	None	None	None
Andrew	Bishop	The University of Texas MD Anderson Cancer Center	None	None	None
Danielle	Bitterman	Family: Agios Pharmaceuticals: Scientist: Employee; Partners Healthcare: Resident: Employee	None	Family: Agios: Stock Options	None
Slawomir	Blamek	Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology, Gliwice Branch	None	None	None
Rachel	Blitzblau	Duke University: Associate Professor: Employee	None	None	None
Grace	Blitzer	University of Wisconsin: Resident: Employee	None	None	None
Joshua	Bloomstein	Stanford University School of Medicine	None	None	None
Hunter	Boggs	Assistant Professor, University of Alabama at Birmingham	Novocure: Clinical Trial Support: Clinical trial support, Research grants; Varian: Honoraria: Ad Hoc Speaker, Clinical Trial Support; Varian: Honoraria: Research Grants	None	None
Thomas	Boike	Michigan Healthcare Professionals: Radiation Oncologist: Employee	ASTRO APEx Reviewer: Honoraria; Janssen: Honoraria: Relationship ended 10/19/2018;	None	NCI Prostate Cancer Task Force: Member
Lauren	Boreta	UCSF Department of Radiation Oncology	None	None	None
Elizabeth	Bossart	University of Miami: Physicist: Employee	Air Expanders Inc.: Research Grants	None	None
David	Bottomley	The Leeds Teaching Hospitals NHS Trust	Bayer: honoraria	None	None
Stephen	Bowen	University of Washington: Assistant Professor: Employee	National Cancer Institute: Research Grants	None	None
Lisa	Bradfield	ASTRO: Senior Manager, Quality Improvement - Guidelines: Employee	None	None	None
Julie	Bradley	UF Health Proton Therapy Institute: Associate Professor: Employee	Ocala Royal Dames grant; Bankhead-Coley Foundation grant: Research Grants	None	None
Jessica	Brady	Guy's and St Thomas' NHS Foundation Trust	None	None	None
Douglas	Brand	The Institute of Cancer Research: Clinical Research Fellow: Employee; The Royal Marsden NHS Foundation Trust: Oncology Registrar: Employee	None	None	None

2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Andrew	Brandmaier	Weill Cornell Medical College/New York Presbyterian Hospital	None	None	None
Scott	Bratman	University Health Network: Staff Radiation Oncologist - Clinician Scientist: Employee	None	Royalty: Inventor on Patent: Roche molecular diagnostics	None
Steve	Braunstein	University of California, San Francisco: Faculty: Employee	Radiation Oncology Questions, LLC: Advisory Board	None	None
Adrian	Breto	University of Miami	None	None	None
Kristy	Brock	The University of Texas MD Anderson Cancer Center: Professor: Employee	NCI: Research Grants; RaySearch Laboratories: Honoraria: Research Grants	RaySearch Laboratories: Royalty	AAPM: Vice Chair, Science Council: Scientific
Patrik	Brodin	Albert Einstein College of Medicine and Montefiore Medical Center: Assistant Professor: Employee	None	None	None
Paul	Brown	Mayo Clinic: Professor: Employee	UpToDate: Honoraria	None	None
Simon	Brown	Oregon Health & Science University Department of Radiation Oncology	None	None	None
Andrew	Bruggeman	University of California, San Diego: Radiation Oncologist: Employee	American Society of Clinical Oncology: Research Grants	None	None
Deborah	Bruner	Nell Hodgson Woodruff School of Nursing, Emory University	None	None	None
A	Brunt	University Hospitals of North Midlands, Royal Stoke University Hospital	None	None	None
John	Buatti	University of Iowa: Professor and Chair Department of Radiation Oncology: Employee	Up to Date: Editorial Board paid	None	None
Jeffrey	Buchsbaum	National Cancer Institute	None	None	None
Zachary	Buchwald	Winship Cancer Institute of Emory University	None	None	None
Courtney	Buckey	Mayo Clinic in Arizona: Medical Physicist: Employee	None	None	AAPM TG-314: Vice Chair
Luka	Bugarski	West Virginia University School of Medicine	None	None	None
Philippe	Bulens	KU Leuven: PhD Candidate: Employee; University Hospital Leuven: Resident in Radiation Oncology: Employee	Research Foundation Flanders (FWO): Research Grants	None	None
O. Lee	Burnett	University of Alabama at Birmingham: Associate Professor: Employee	None	None	Alabama Wilderness Medical Association (AWMA): President: Founder, President, Instructor
Zackory	Burns	Cooley, LLP; Family: Harvard University: Resident Physician: Employee	None	None	None
Lindsay	Burt	Huntsman Cancer Institute: Radiation Oncologist: Employee; theMednet: Radiation Community Manager: Employee	None	None	None
Anish	Butala	University of Pennsylvania: Resident Physician: Employee	None	None	None
Santino	Butler	Harvard Medical School	None	None	None
Mark	Buyyounouski	Stanford University: Professor: Employee	Elsevier: Honoraria; Wolters Kluwer: Honoraria	None	None
Amanda	Caissie	Dalhousie University; Dalhousie University / Saint John Regional Hospital	None	None	None
Laura	Callan	London Regional Cancer Program	None	None	None
Allison	Campbell	Yale University School of Medicine; Family: West Haven VA: Attending Physician: Employee	None	None	None
Shauna	Campbell	Cleveland Clinic Foundation: Resident Physician: Employee	None	None	ARRO: Executive Committee Member

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Kevin	Camphausen	National Cancer Institute: Branch Chief: Employee	None	None	None
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Yue	Cao	University of Michigan	Family: NIH: Research Grants; NIH: Research Grants; Family: Siemens Healthineers: Research Grants; Siemens Healthineers: Research Grants	None	None
Dante	Capaldi	Stanford University: Medical Physics Resident: Employee	None	None	None
Michael	Cardenas	University of California Davis	None	None	None
Lisa	Carey	University of North Carolina	None	None	BCBSNC: Board member: Board of Trustees; Family: Falcon Therapeutics: CMO: chief medical officer
David	Carlson	Yale University School of Medicine: Associate Professor: Employee; Yale-New Haven Hospital: Medical Physicist II: Employee	None	None	None
Christian	Carrie	Centre Leon Berard	None	None	International society of pediatric oncology: SIOOP: Member of scientific comitee; Pediatric radiation oncology society: PROS: Member of executive committee
Calogero	Casa	Università Cattolica del Sacro Cuore	None	None	None
Dana	Casey	Memorial Sloan Kettering Cancer Center	None	None	None
Francisco	Cassetta	Loyola Univ Chicago: Post-doctoral Fellow: Employee	Varian Medical Systems: Research Grants	None	None
Marcus Simoes	Castilho	Hospital Felício Rocho Belo Horizonte	None	None	None
Frank	Ceballos	Medical College of Wisconsin: Post Doc: Employee	None	None	None
Laura	Cella	National Research Council, Institute of Biostructures and Bioimaging	None	None	None
Enrique	Chajon Rodriguez	Centre Eugène Marquis - Département de Radiothérapie	Nanobiotix: Honoraria	None	None
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Annie	Chan	Massachusetts General Hospital, Harvard Medical School	None	None	None
Maria	Chan	Memorial Sloan Kettering: Attending Physicist: Employee	Ashland Inc.: Research Grants	None	None
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Jeesuk	Chang	Cheonan Community Health Center: Public Health Doctor: Other; Yonsei Cancer Center: Clinical Assistant Professor: Employee	None	None	None
Ji Hyun	Chang	Seoul Metropolitan Government Seoul National University Boramae Medical Center	None	None	None
Ming	Chao	Icahn School of Medicine at Mount Sinai	None	None	None
Bhavana	Chapman	The University of Texas MD Anderson Cancer Center	None	None	None
Christina	Chapman	University of Michigan/Ann Arbor VA: Assistant Professor: Employee	NIH: Research Grants	None	None
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2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Naz	Chaudary	Princess Margaret Research Institute, Princess Margaret Cancer Centre	None	None	None
Aileen	Chen	MD Anderson Cancer Center: physician: Employee	None	None	None
Baoqing	Chen	Sun Yat-sen University Cancer Center,	None	None	None
Jie Jane	Chen	Harvard Medical School	None	None	None
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Peter	Chen	Beaumont Health System, Oakld U Beaumont SOM: Staff Radiation Oncologist; Professor: Employee	None	None	None
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Shaojun	Chen	Fourth Affiliated Hospital of Guangxi Medical University	None	None	None
Silin	Chen	National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Pekine Union Medical College	None	None	None
William	Chen	University of California at San Francisco	None	None	None
Xiaojian	Chen	Medical College of Wisconsin	None	None	None
Yazheng	Chen	Medical College of Wisconsin	None	None	None
Yun	Chen	Fudan University Shanghai Cancer Center	None	None	None
Zhixiao	Chen	Shanghai General Hospital, Shanghai Jiao Tong University School of Medicine	None	None	None
Jason Chia-Hsien	Cheng	National Taiwan University: Professor: Employee	None	None	Journal of Radiation Oncology: Editorial Board Member; Therapeutic Radiology and Oncology: Editorial Board Member
Zhi	Cheng	Johns Hopkins University School of Medicine	None	None	None
Dow-Chung	Chi	FDA	None	None	None
Junzo	Chino	Duke University Cancer Center: Associate Professor: Partner	None	NanoScint: Stock	The American Brachytherapy Society: GYN Scientific & International Committee Chair: Scientific Chair for Annual Meeting
Elena	Chiorean	Seattle Cancer Care Alliance / Fred Hutchinson Cancer Research Center	Array: Advisory Board; Astra Zeneca: Advisory Board; Boehringer Ingelheim: Research Grants; Celgene: Advisory Board; Halozyme: Research Grants; Ignyta/Roche: Research Grants; Lilly: Research Grants; Macrogenics: Research Grants; Merck: Research Grants; Seattle Genetics: Advisory Board;	None	None
Ananya	Choudhury	University of Manchester; Manchester Academic Health Science Centre, The Christie NHS Foundation Trust	ABC: Research Grants; ASTRO: Honoraria; CRUK: Research Grants; Elekta AB: Travel Expenses; NIHR: Research Grants; CRUK: Research Grants	None	ASTRO: Senior Editor Red Journal; ASTRO: Senior Editor, Red Journal
James Chung-Hang	Chow	Queen Elizabeth Hospital: Resident: Employee	None	None	None
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2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Melvin Lee Kiang	Chua	National Cancer Centre Singapore: Senior Consultant: Employee	Astellas: Advisory Board: Speaker's Bureau; Ferring Singapore: Research Grants; GenomeDx Biosciences: In-kind Donations for research grant; Janssen: Advisory Board: Honoraria: Speaker's Bureau; MedLever Inc: In-kind Donations for research grant; PVMed: In-kind Donations for research grant; Varian: Advisory Board: Education Grant: In-kind Donations for research grant: Research Grants: Speaker's Bureau	Family: Pluristem: Stock: Relationship ended 12/31/2018; Family: Varian: Stock	Alice's Arc: Trustee: Advises on grant disbursements
Peter	Chung	University Health Network: Physician: Employee	AbbVie: Honoraria: Relationship ended 04/30/2018; Astra Zeneca: Honoraria: Relationship ended 12/31/2018; Sanofi: Research Grants	None	None
Seung Yeun	Chung	Yonsei Cancer Center, Yonsei University College of Medicine	None	None	None
Michael	Chuong	Miami Cancer Institute at Baptist Health South: Faculty: Employee; QuantiaMD: Dr.: Employee	None	None	None
Lauren	Colbert	UT MD Anderson Cancer Center: Resident: Employee	None	None	None
C. Norman	Coleman	National Institute of Health/National Cancer Insti: Associate Director: Employee	None	None	International Cancer Expert Corps, Inc: Senior Scientific Advisor: Provide advice and guidance on scientific goals. No financial responsibility. This is approved as Outside Activity by National Cancer Institute

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Stephanie	Combs	Deutsches Konsortium für Translationale Krebsforschung (DKTK); Institute for Radiation Medicine (IRM), Helmholtz Zentrum München	Accuray: Honoraria; Astra Zeneca: Advisory Board: Honoraria; BMS: Honoraria; BrainLab: Advisory Board: Honoraria: Speaker's Bureau; Bristol-Myers-Squibb (BMS): Advisory Board; Daichi Synkio: Advisory Board; Dr. Sennewald: Honoraria; Elekta: Honoraria; Icotec: Advisory Board; ICOTEC: Consultant; Icotec: Honoraria; Medac GmbH: Honoraria; Novocure: Advisory Board: Honoraria; Roche: Advisory Board: Honoraria; Varian Medical Systems: Advisory Board; Varian Medical Systems: Honoraria	None	None
Antonio	Conde-Moreno	Hospital Universitario y Politecnico La Fe	None	None	None
Rachel	Conklin	Vanderbilt University Medical Center	Radiation Oncology Institute: Research Grants	None	Survivor Fitness: Medical Advisory Council: Member
Eileen	Connolly	Family: Celgene: Research Scientist: Employee; Columbia University Medical Center: Assistant Professor: Employee	Merck: Research Grants; Zeiss: Honoraria: Travel Expenses: Relationship ended 11/15/2018	Family: Celgene: Stock: Stock Options	None
Louis	Constine	University of Rochester: Professor: Employee	Childhood Cancer Survivors Study: Advisory Board: Travel Expenses; Particle Therapy Cooperative Group-North America: Honoraria: Travel Expenses: Relationship ended 12/01/2018; <del>Walters Kluwer: Honoraria</del>	None	American College of Radiology: Lymphoma Appropriateness Criteria Committee: Chair; Pediatric Normal Tissues in the Clinic: PENTEC: chair
Joseph	Contessa	Yale University: Associate Professor: Employee	None	None	None
Andres	Cordova Bernhardt	Clinica Alemana	None	None	None
Benjamin William	Corn	Shaare Zedek Medical Center: Institute Director: Employee	None	None	None
Pippa	Cosper	University of Wisconsin: Clinical Instructor: Employee	None	None	None
Brendan	Coutu	University of Nebraska Medical Center	None	None	None
Timothy	Craig	University Health Network: Medical Physicist: Employee	Modus Medical Devices: Other-Licensing agreement	None	None
Carien	Creutzberg	Leiden University Medical Center	None	None	Dutch Cancer Society: Scientific Advisory Board member: member of the scientific board which evaluates scientific projects
Marka	Crittenden	Family: Providence Health and Services: Assistant Member: Employee; The Oregon Clinic: Partner: Partner	BMS: Research Grants; Jounce Therapeutics: Research Grants; MavuPharma: Research Grants; <del>Nanbiotiv: Research Grants</del>	ROGO: Shareholder	None
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Kyle	Cuneo	University of Michigan: Associate Professor: Employee	None	None	University of Michigan: Vice Char
Bouthaina	Dabaja	MD Anderson Cancer Center, Division of Radiation Oncology	None	None	None
Roi	Dagan	University of Florida: Assistant professor: Employee	Elekta: Research Grants: Travel Expenses	None	None

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Alan	Dal Pra	University of Miami: Radiation Oncology: Employee	None	None	ESTRO: ESTRO-ACROP: Advisory Committee in Radiation Oncology Practice for Prostate Cancer; SAKK: Principal Investigator: Principal Investigator in clinical trials
Anthony	DAmico	Brigham and Women's Hospital: Professor: Employee	None	None	None
Shiva	Das	University of North Carolina	None	None	None
Stephanie	de Boer	Leiden University Medical Center	None	None	None
M. Dolores	De La Mata Moya	HOSPITAL ABC	None	None	None
Alexandra	De Leo	University of Florida College of Medicine	None	None	None
Ludvic	De Marzi	Institut Curie - Centre de Protonthérapie	None	None	None
Matthew	Deek	Johns Hopkins Hospital: Resident physician: Employee	None	None	None
Christopher	Deig	OHSU: Resident Physician: Employee	None	None	None
Sandra	Demaria	Weill Cornell Medical College: Professor: Employee; Weill Cornell Medicine: Professor: Employee	EMD Serono: Consultant: Honoraria: Relationship ended 09/30/2018; Lytix Biopharma: Advisory Board: Research Grants; Mersana Therapeutics: Consultant: Relationship ended 12/31/2018; Nanobiotix: Research Grants	None	AACR: Chair elect of the CIMM: represent the interest of the Cancer Immunology Working Group; AACR: Elected Chair of the CIMM (Cancer Immunotherapy Working Group): Advisory role for immunotherapy topic selection for the annual meeting and special programs; Society for Immunotherapy of Cancer: Board Member: Advisory role in strategic planning of SITC: Relationship ended 12/31/2018
Sophie	Deneuve	Centre Leon Berard	None	None	None
Jun	Deng	Yale University: Professor: Employee	NIH: Research Grants	None	None
Natalia	Dengina	Ulyanovsk regional clinical oncology center: Physician: Employee	None	None	None
Kristopher	Dennis	The Ottawa Hospital Cancer Centre	None	None	None
Nicholas	DeNunzio	Family: University of Rochester Medical Center: Resident Physician: Employee; University of Rochester Medical Center: Resident Physician: Employee	Family: University of Rochester Department of Medicine: Honoraria	Family: AT&T: Stock; Family: Coca Cola: Stock; Family: Frontier: Stock; Family: GE: Stock; Family: IBM: Stock; Family: Intel: Stock	Family: Treatment Subcommittee of URMCOpioid Task Force: Chair: Coordinate committee activities and submit final guidelines report.; Family: University of Rochester Medical Center: Chief Resident/Instructor of Medicine: Responsible for leadership in administrative aspects of the Internal Medicine residency program at the University of Rochester. Also with significant teaching (clinical and didactic) and autonomous/attending physician patient
Nina	Desai	Medical College of Wisconsin: Resident Physician: Employee	None	None	None

2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Sarah	Deschuymer	KU Leuven - University of Leuven, University Hospitals Leuven	None	None	None
Annick	Desjardins	Duke University Medical Center	Genentech/Roche: Research Grants; Orbus Therapeutics: Research Grants; Orbus Therapeutics, Inc: Advisory Board; Symphogen A/S: Research Grants; <del>Triphase Accelerator Corp: Research Grants</del>	Istari Oncology: Patent/License Fees/Copyright: Stock Options	None
Robert	Dess	University of Michigan: Assistant Professor: Employee	None	None	None
Israel	Deutsch	Columbia University Irving Medical Center	None	None	None
Curtiland	Deville	Johns Hopkins: Associate Professor: Employee	None	None	None
Phillip	Devlin	Brigham and Women's Hospital and Dana-Farber Cancer Institute, Harvard Medical School	None	None	None
Theodore	DeWeese	Johns Hopkins University: Professor and Chair: Employee	None	None	None
Kevin	Diao	Family: Loma Linda Children's Hospital: Resident Physician: Employee; Riverside Community Hospital: Resident Physician: Employee	None	None	None
Adam	Dicker	Thomas Jefferson University: Professor and Chair: Employee	Celldex: Advisory Board: Relationship ended 11/01/2018; Cybrexa: Advisory Board: Relationship ended 03/01/2019; EMD Serono: Advisory Board: Relationship ended 05/01/2019; Janssen: Advisory Board; Prostate Cancer Foundation: Travel Expenses;	None	Department of Defense: Chair
Maximilian	Diehn	Family: Kaiser Permanente: Physician: Employee; Stanford University: Assistant Professor: Employee	AstraZeneca: Consultant; BioNTech: Consultant; Roche: Consultant	CiberMed: Stock	None
Thomas	Dilling	Moffitt Cancer Center: Associate Member, Radiation Oncology: Employee	AstraZeneca: Advisory Board: Relationship ended 10/31/2018; NCCN: Consultant	None	None
Ammoren	Dohm	Wake Forest University School of Medicine	None	None	None
Michael	Dohopolski	University of Texas Southwestern Medical Center	None	None	None

2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Corinne	Doll	Alberta Health Services: Radiation Oncologist: Employee	None	None	Canadian Association of Radiation Oncology: President-Elect; NCI Gynecologic Cancer Steering Committee: Special Expert; Tom Baker Cancer Centre, Calgary: Deputy Medical Director; University of Calgary, Department of Oncology: Radiation Oncologist
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Lei	Dong	University of Pennsylvania: Director of Medical Physics: Employee	Varian Medical Systems: Speaker's Bureau	Varian Medical Systems: Patent/License Fees/Copyright	None
Peng	Dong	Stanford University	None	None	None
Jessica	Donington	University of Chiago	AstraZeneca: Honoraria	None	None
Eric	Donnelly	Northwestern Memorial Hospital: Attending Physician: Employee	None	None	None
Jenny	Donovan	University of Bristol	None	None	None
Jennifer	Dorth	University Hospitals Case Medical Center	None	None	None
Jin	Dou	Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine	None	None	None
Charles	Drake	Columbia University Medical Center	None	None	None
Lorraine	Drapek	Massachusetts General Hospital	None	None	Boston Oncology Nursing Society: President: Leadership
Diego	Dualde Beltran	Hospital Clinico	None	None	None
Michael	Dumas	Henry Ford Health System: Sr. Staff Physicist: Employee	None	Viewray: Stock	None
Neal	Dunlap	University of Louisville: Associate Professor: Employee	AstraZeneca: Speaker's Bureau; Galera: Honoraria	None	None
Sumerya	Duru Birgi	Ankara University Faculty of Medicine, Department of Radiation Oncology	None	None	None
Boryana	Eastman	University of Washington: Resident Physician: Employee	None	None	None
Bree	Eaton	Winship Cancer Institute of Emory University	None	None	None
Martin	Edelman	Fox Chase Cancer Center	Windmil: Consultant	Andarix: stock options Biomarker Strategies: stock options	None
Jason	Efstathiou	Massachusetts General Hospital: Director: Employee	Blue Earth Diagnostics: Advisory Board: Consultant; Janssen: Advisory Board: Relationship ended 10/19/2018; Taris Biomedical: Consultant	None	ASTRO: GU Track Past-Chair; Massachusetts Prostate Cancer Coalition: Board of Directors; NCI: Co-chair; NRG Oncology: Co-chair; NRG Oncology: Member; NRG Oncology: Vice-Chair
Scott	Eggerer	University of Chicago Medicine	francis medical: Consultant; insightec: Consultant; profound medical: Consultant; sonbiris: Consultant	None	ASCO: Co-Chair; AUA: Vice-Chair: Relationship ended 05/01/2019; IVUMed: Secretary
Hans Theodor	Eich	University Hospital Muenster	None	None	None
Issam	El Naqa	University of Michigan	NIH: Research Grants	Resero AI: Partnership	Endectra LLC: Scientific advisor: Consultant
Jos	Elbers	The Netherlands Cancer Institute (NKI-AVL)	None	None	None
John	Eley	Vanderbilt University	None	None	None
Hesham	Elhalawani	The University of Texas MD Anderson Cancer Center	None	None	None
Christen	Elledge	Johns Hopkins University School of Medicine: Resident Physician in Radiation Oncology: Employee	None	None	None
Khaled	Elsayad	University Hospital Muenster	None	None	None

2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Mohamed	Elshaikh	Henry Ford Health System	None	None	None
Grete May	Engeseth	Haukeland University Hospital: PhD candidate: Employee	None	None	None
Reena	Engineer	Tata Memorial Centre	None	None	None
Beth	Erickson	Medical College of Wisconsin: MD Professor of Radiation Oncology: Employee; Family: ProHealth Care, Waukesha, WI: MD: Employee	None	None	American Brachytherapy Society: Chair: organize the activities of the International Committee; American Brachytherapy Society: Co-chair: Help to organize the annual or bi-annual Gyn Brachytherapy school -2015; ASTRO: Co-Chair: Help to organize MOC-CME
Freddy	Escorcia	Family: Area 23: Medical Strategy Director: Employee; National Institutes of Health: Assistant Clinical Investigator: Employee	None	Novartis: Stock	None
Suzanne	Evans	Yale University: Assistant Professor: Employee	Clarity PSO/RO-ILS RO-HAC: Consultant: Honoraria: In-kind Donations: RO-HAC members receive an honorarium of \$1500 per year. Service on RO-HAC is sponsored by ASTRO and AAPM.; Practical Radiation Oncology/Elsevier: Honoraria	None	None
Denise	Fabian	The Ohio State University: Resident Physician: Employee	None	None	None
Cindy	Faigin	Henry Ford Health System: Nurse Manager: Employee	None	None	None
Nikdokht	Farid	University of California, San Diego	None	None	None
Aharon	Feldman	Henry Ford Health System	None	None	None
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Mary	Feng	Family: University of California San Francisco: Associate Professor: Employee; University of California San Francisco: Associate Professor: Employee	Family: ASTRO: Travel Expenses; Family: Prostate Cancer Foundation: Research Grants: Travel Expenses;	Family: PFS Genomics: Partnership: Patent/License Fees/Copyright	Family: ASTRO: 2014 Meeting Track Chair, Biology Sessions: Reviews and organizes abstracts for presentation; IHE-RO Planning Committee: Co-Chair; Family: NRG: Chair
Christian	Fernandez	Sidney Kimmel Medical College & Cancer Center at Thomas Jefferson University	None	None	None

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Robert	Ferris	University of Pittsburgh: Professor: Employee; Family: University of Pittsburgh Medical Center: Physician: Employee; University of Pittsburgh Medical Center: Physician: Employee	Aduro Biotech, Inc: Consultant; Amgen: Advisory Board; Astra Zeneca: Consultant: Research Grants; Bain Capital Life Sciences: Consultant; BMS: Consultant: Research Grants; Celgene: Consultant; EMD Serono: Advisory Board; GlaxoSmithKline: Advisory Board; Iovance Biotherapeutics, Inc.: Consultant; Lilly: Consultant; Merck: Consultant; Numab Therapeutics AG: Advisory Board; Oncorus, Inc.: Advisory Board; Ono Pharmaceutical Co. Ltd: Consultant; Pfizer: Consultant; PPD: Advisory Board; Regeneron Pharmaceuticals, Inc.: Advisory Board; Tesaro: Advisory Board: Research Grants; Torque Therapeutics Inc: Consultant; TMM: Consultant	None	Tumor Microenvironment Center: Co-Director; University of Pittsburgh / UPMC Hillman Cancer Cent: Associate Vice Chancellor for Cancer Research; UPMC Hillman Cancer Center: Director
Alessandro	Fichera	University of North Carolina	None	None	None
Elena	Fidarova	World Health Organization	None	None	None
Nicholas	Figura	H. Lee Moffitt Cancer Center and Research Institute	None	None	None
Christine	Fisher	University of Colorado Denver: Assistant Professor: Employee; University of Colorado Denver: Associate Professor: Employee	None	None	None
Gerald	Fogarty	Genesis Care: Chair of the Clinical Management Committee: Employee Melanoma Institute Australia	Merck Serono Australia Pty Ltd: Consultant: Research Grants	Genesis Care: Stock	None
Luis	Fong de los Santos	Mayo Clinic: Medical Physics Faculty: Employee	None	None	None
Robert	Foote	Family: Mayo Clinic: Lab technician: Employee; Mayo Clinic: Physician: Employee; Family: Mayo Clinic: Registered Nurse: Employee	Elsevier: Senior editor of textbook; Up to Date: Consultant	Bionix: Patent/License Fees/Copyright	ABR: Co-chair: Responsible for the written board examination questions for head, neck and skin cancer.; Mayo Clinic: Chair, Rochester Cancer Committee: Responsible for cancer clinical practice, research and education at Mayo Clinic, Rochester, MN

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Silvia Chiara	Formenti	Family: Pfizer: Attorney: Employee; Weill Cornell Medical College: Professor and Chairman: Employee	AstraZeneca: Honoraria; Bayer: Honoraria; BMS: Honoraria: Research Grants; Celldex: Research Grants; Eisai: Honoraria: Research Grants; Elekt: Honoraria; GlaxoSmithKline: Honoraria; Janssen: Honoraria: Research Grants; Merck: Honoraria: Research Grants; Regeneron: Research Grants; Regeneron Pharmaceuticals: Honoraria; Vairan: Honoraria; Varian: Research Grants;	None	Weill Cornell Medical College: Professor and Chairman: Chair of departmentAssociate Director Meyer Cancer Institute
Jessica	Frakes	Moffitt Cancer Center: Assistant Member: Employee; Family: WellCare Health Plans Inc: Director of Strategic Initiatives, Corporate Strategy and Development: Employee	None	None	None
Pierfrancesco	Franco	University of Turin, Department of Oncology	None	None	None
Laura	Freedman	University of Miami: Assistant Professor: Employee	None	None	None
Melissa	Frick	Crozer Chester Medical Center: Resident Physician: Employee	None	None	None
Jie	Fu	University of California, Los Angeles	None	None	None
Clifton	Fuller	University of Texas MD Anderson Cancer Center: Associate Professor: Employee	American Association of Physicists in Medicine: Honoraria: Relationship ended 11/21/2018; Elekta AB: Consultant: Honoraria: In-kind Donations: Research Grants: Travel Expenses; Gilbert Fletcher Society/Tianjin Cancer Hospital Symposium: Travel Expenses: Relationship ended 05/28/2019; Greater Baltimore Medical Center: Travel Expenses: Relationship ended 03/03/2019; National Institutes of Health: Research Grants; Nederlandse Organisatie voor Wetenschappelijk Onderzoek: Consultant: Honoraria: Travel Expenses	None	American Association of Physicists in Medicine: Task Group Member: Task Group No. 263 - Standardizing Nomenclature for Radiation Therapy; American College of Radiology: Committee Member: Working group member; MR-LinAc Consortium: Data Management Task Force Committee Member: Facilitation of multi- site data sharing for a multi-institutional Consortium; National Cancer Institute: Member: Working Group Member; Radiographics: Associate Editor: Manuscript editing; Radiological Society of North America:
Donald	Fuller	Genesis Healthcare Partners: Radiation Oncologist: Partner	Accuray: Consultant: Honoraria: Research Grants	Accuray: Stock; Varian: Stock; Viewray: Stock	None

2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Thomas	Galloway	Fox Chase Cancer Center: Attending Physician, Director of Clinical Research: Employee	Varian: Speaker's Bureau	None	Rare Tumors Task Force: Co-Chair
Gregory	Gan	University of New Mexico School of Medicine	None	None	None
Hao	Gao	Winship Cancer Institute of Emory University	None	None	None
Sarah	Gao	Yale School of Medicine	None	None	None
Yan	Gao	Peking University First Hospital	None	None	None
Jessica	Geiger	Cleveland Clinic: MD: Employee	Regeneron: Advisory Board: Research-sponsored study; Roche/Genentech: Research - sponsored study	None	None
Naamit	Gerber	NYU School of Medicine: Assistant Professor: Employee	None	None	None
Amol	Ghia	MD Anderson Cancer Center: Associate Professor: Employee	BrainLab: Honoraria: Relationship ended 05/10/2019; BrainLab: Travel Expenses: Relationship ended 05/11/2019; Elekta: Research Grants	None	None
Mary Ellen	Giger	University of Chicago: A. N. Pritzker Professor of Radiology: Employee	NIH: Research Grants	GE, MEDIAN, Riverain, Mitsubishi, Toshiba: Royalty; Hologic: Stock; Quantitative Insights: Stock; OView: Stock	AAPM: Chair, Data Science Committee: Chair of major committee; SPIE: Immediate Past President: executive committee
Jill	Gilbert	Vanderbilt University Medical Center	Amgen: Local PI and institution receives funds for research; ASCO: Travel Expenses; Astra Zeneca: PI and institution receives funds	None	ABIM: Member Oncology Board: Board member: Relationship ended 06/01/2018; TOPS: Board Member: Board member
Erin	Gillespie	Memorial Sloan Kettering Cancer Center	None	None	eContour: Co-founder: Developed and continue to oversee website.
Meredith	Giuliani	Princess Margaret Cancer Centre: Radiation Oncologist: Employee	AstraZeneca: Advisory Board: Relationship ended 03/01/2018; Elekta Inc: Honoraria: Travel Expenses; Eli Lilly: Research Grants	None	Canadian Association of Radiation Oncology: Chair, Education Committee
David	Gius	Northwestern Medical School: Professor: Employee	None	None	None
Carri	Glide-Hurst	Henry Ford Health System: Medical Physicist: Employee	Modus Medical: Collaborative development on research grant; in-kind donations; Philips Healthcare: Research Grants; ViewRay, Inc: Honoraria: Travel Expenses	None	None
Daniel	Golden	University of Chicago: Assistant Professor: Employee	NIH: Research Grants; ROI: Research Grants	HemOnc Review, LLC: Partnership; RadOnc Questions, LLC: Partnership	None

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Vinai	Gondi	Radiation Oncology Consultants, Ltd.: Physician: Partner	Physicians' Education Resource, LLC: Honoraria: Travel Expenses: Relationship ended 10/23/2018; Physicians' Education Resource, LLC: Honoraria: Travel Expenses; UpToDate: Honoraria	Radiation Oncology Consultants, Ltd.: Partnership	NRG Oncology: NRG CC001, NRG CC003 and NRG BN001: Co-Principal Investigator
Yesenia	Gonzalez	University of Texas Southwestern Medical Center	None	None	None
Chelain	Goodman	Northwestern University, McGaw Medical Center: Resident Physician: Employee	Brinson Foundation: Research Grants; Friends of Prentice Grants Initiative: Research Grants; Menarini Silicon Biosystems: Travel Expenses	None	ARRO: Executive Committee Member
Christopher	Goodman	London Regional Cancer Program	None	None	None
Karyn	Goodman	University of Colorado School of Medicine: Professor: Employee	RenovoRx: Consultant	None	NCI: Co-Chair
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George	Grass	H. Lee Moffitt Cancer Center and Research Institute	None	None	None
Clemens	Grassberger	Massachusetts General Hospital: Research Fellow: Employee	NIH: Research Grants; NanoLive SA: Scientific Advisory Board: Advisor: Other	NanoLive SA: Stock	None
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Amardeep	Grewal	University of Pennsylvania	None	None	None
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Cary	Gross	Yale School of Medicine	Johnson and Johnson: Research Grants; NCCN/Pfizer: Research Grants	None	None
Cheryl	Gross	ACGME	None	None	ACGME: Executive Director: RC for Radiation Oncology
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Federica	Grosso	SS Antonio e Biagio Hospital: Professor: Employee	Novocure: Travel Expenses	None	None
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Chengcheng	Gui	Johns Hopkins University School of Medicine	None	None	None
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G.	Gunn	The University of Texas MD Anderson Cancer Center	None	None	None
Yue	Guo	Johns Hopkins University School of Medicine	None	None	None
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Lia	Halasz	Seattle Cancer Care Alliance: Associate Professor: Employee; University of Washington: Associate Professor: Employee	Abbvie: Research Grants; Fred Hutch/Univ of Washington Cancer Consortium: Research Grants	None	None
William	Hall	Medical College of Wisconsin: Assistant Professor: Employee	American Cancer Society: Research Grants; Elekta: Research Grants; National Cancer Institute: Research Grants	None	None
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Peijin	Han	Johns Hopkins University: Postdoctoral fellow: Employee	None	None	None
Renee	Hanna	Michigan State University College of Osteopathic Medicine	None	None	None
Raquibul	Hannan	University of Texas Southwestern Medical Center	None	None	None
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Paul	Harari	University of Wisconsin: Professor and Chairman: Employee	None	None	None
Patricia	Hardenbergh	Shaw Cancer Center: Director Radiation Oncology: Employee	ABR: Travel Expenses	Chartrounds, LLC: Patent/License Fees/Copyright	American Board of Radiology: Oral Board Examiner/ Written Board Question Review: Breast cancer examiner; American Board of Radiology: Trustee: Educational
Matthew	Harkenrider	Edward Hines VA Hospital: Radiation Oncologist: Employee; Loyola University Medical Center: Associate Professor of Radiation Oncology: Employee	None	None	Chicago Radiological Society: Radiation oncology program director and Trustee: Coordinate educational lecture series for our organization. Serve as a trustee and voting member of the board of directors
Eleanor	Harris	University Hospitals: Professor and Vice-chair: Employee	American Board of Radiology: Per diem for oral board examiners: Travel Expenses	None	American Radium Society: Panel Chair: Oversee committee work and output along with chair; TARGIT-US Clinical Trial: Steering committee member: Oversee conduct of trial, Coordinating center is UCSE
Louis	Harrison	Moffitt Cancer Center: Chairman, Department of Radiation Oncology: Employee	None	None	None
William	Hartsell	Radiation Oncology Consultants, Ltd.: Partner: Partner	None	Elk Grove Radiosurgery Inc: Partnership; Illinois Cyberknife: Partnership	Chicago Proton Center: Medical Director: Direct clinical activities in proton treatment center
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Thomas	Hayman	Yale New Haven Hospital: Resident Physician: Employee	None	None	None
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Sarah	Hazell	Johns Hopkins Hospital School of Medicine: House Staff: Employee	None	None	None
Joseph	Herman	The University of Texas MD Anderson Cancer Center	None	None	None
Dwight	Heron	University of Pittsburgh School of Medicine: Professor and Vice Chairman of Clinical Affairs: Employee; UPMC Hillman Cancer Center: Director of Radiation Services: Employee	Accuray Exchange in Radiation Oncology: Chair AERO Exchange	Cancer Treatment Services International: Partnership	University of Pittsburgh School of Medicine: Vice Chairman of Clinical Affairs: Vice Chairman of Clinical Affairs for the Department of Radiation Oncology; UPMC Hillman Cancer Center: Director of Radiation Services: In this role, I am a Board Member for UPMC Hillman Cancer Center
Lauren	Hertan	Beth Israel Deaconess Medical Center: Radiation Oncologist: Employee; Family: Brigham & Women's Hospital: Fellow: Employee	None	None	None
Kristin	Higgins	Emory University: Medical Director: Employee	Astra Zeneca: Advisory Board: Consultant; Genetech: Advisory Board; RefleXion Medical: Research Grants; Varian: Consultant	None	None
Alice	Ho	Massachusetts General Hospital	Merck: Research Grants; Tesaro: Research Grants	None	None
Robert	Hobbs	Family: Johns Hopkins Hospital: RN: Employee; Johns Hopkins University: Associate Professor: Employee	RAPID (Radiopharmaceutical Imaging and Dosimetry): Consultant	None	American Association of Physicist in Medicine: Chairman of Committee on Radionuclide Therapy: Chairman on Ad Hoc committee for placement in the AAPM structure, committee is expected to become permanent. Mandate and Charter being written
David	Hodgson	Pediatric Oncology Group of Ontario: Medical Director: Employee; University Health Network: Physician: Employee	None	None	Cancer Care Ontario: Member, Proton Advisory Committee; Children's Oncology Group: Member, Hodgkin Lymphoma Steering Committee; Pediatric Oncology Group of Ontario: Medical Director: Oversees programs related to surveillance, quality reporting, and survivorship care
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Emma	Holliday	The University of Texas MD Anderson Cancer Center	Merck: Research Grant	None	None
Jordan	Holmes	Indiana University	None	None	None
Douglas	Holt	University of Colorado	None	None	None

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David	Hoopes	University of California, San Diego	None	None	None
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Bradford	Hoppe	University of Florida: Associate Professor: Employee	Children Oncology Group: Travel Expenses; Merck: Consultant; NRG: Research Grants	None	American College of Radiology: Member of the Lymphoma Sub-committee: Develop appropriateness criteria; Proton Collaborative Group: Secretary: board member
Peter	Hoskin	East and North Trust NHS Trust: Mount Vernon Hospital: Employee; University of Manchester: Manchester Cancer Research Centre: Employee	ESTRO: Travel Expenses; University of Colombo: Travel Expenses; Varian: Research Grants	None	ESTRO: Board Member; NICE: Member: Advisory committees; Radiotherapy and Oncology: Editor
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Rebecca	Howell	The University of Texas MD Anderson Cancer Center	None	None	None
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Feng-Ming	Hsu	National Taiwan University Hospital	None	None	None
I-Chow	Hsu	University of California San Francisco	None	None	None
Chen	Hu	John Hopkins University: Assitant Professor: Employee	National Cancer Institute, NIH: Research Grants	None	None
Chia-Ho	Hua	St. Jude Children's Research Hospital	None	None	None
Mi	Huang	Duke University School of Medicine, Radiation Oncology	None	None	None
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Tina	Huang	David Geffen School of Medicine at UCLA	None	None	None
Wei	Huang	Shandong Cancer Hospital	None	None	None
Wei-Hsuan	Huang	MacKay Memorial Hospital	None	None	None
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Bryan	Hull	ASTRO: Assistant Director of Health Policy: Employee	None	None	None
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Uzoma	Iheagwara	UPMC Hillman Cancer Center, Department of Radiation Oncology	None	None	None
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Jerry	Jaboin	Oregon Health and Science University: Vice Chair: Employee	None	None	None
Andrew	Jackson	Memorial Sloan Kettering Cancer Center: Associate Attending Physician: Employee; Family: Memorial Sloan Kettering Cancer Center: Attending Physician: Employee	NCI/NIH: Research Grants	None	AAPM Biological Effects Committee: Chair: organizer of outcomes investigations for AAPM
William	Jackson	University of Michigan	None	None	None
Corbin	Jacobs	Duke University	None	None	None
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Reshma	Jagsi	University of Michigan	None	None	None
Won Il	Jang	Korea Institute of Radiological and Medical Sciences	None	None	None
Milind	Javle	MD Anderson Cancer Center	Arqule: Consultant; Fujifilm: Consultant; Incyte: Consultant; MERCK: Advisory Board; Oncosil: Consultant; Pieris: Consultant; QED: Consultant	None	None
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Jeho	Jeong	Memorial Sloan Kettering Cancer Center	None	None	None
Krishan	Jethwa	Mayo Clinic, Department of Radiation Oncology: Physician: Employee	None	None	None
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Adam	Johnson	Wake Forest Baptist Medical Center: Resident physician: Employee	None	None	None
Candice	Johnstone	Medical College of WI: Associate Professor: Employee; Family: Medical College of WI: Professor: Employee	None	None	None
Kimberly	Johung	Family: Gastroenterology Center of Connecticut: Physician: Partner; Yale University School of Medicine: Assistant Professor: Employee	None	None	None
Marjory	Jolicoeur	Charles LeMoyn Hospital	None	None	None
Shruti	Jolly	University of Michigan: Faculty: Employee	None	None	None
Bernard	Jones	Department of Radiation Oncology, University of Colorado School of Medicine	Varian Medical Systems: Research Grants	None	None
Kevin	Jones	Rush University Medical Center: Resident: Employee	None	None	None
Zevallos	Jose	Washington University in St Louis	Nanobiotix: Consultant: Relationship ended 04/30/2019	None	None

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Jenna	Kahn	Virginia Commonwealth University Health Systems: Resident Physician: Employee	None	None	ARRO executive committee: Chair
Shalom	Kalnicki	Albert Einstein College of Medicine and Montefiore Medical Center	None	None	The Radiosurgery Society: Board Chair: leadership
Jayashree	Kalpathy-Cramer	Massachusetts General Hospital	None	None	None
Sophia	Kamran	Massachusetts General Hospital: Radiation Oncologist: Employee; Family: Sanofi: Director of Global Access: Employee	None	Family: Sanofi: Stock Options	None
Mitchell	Kamrava	Cedars Sinai Medical Center: Chief Brachytherapy Service: Employee	Augmenix: Honoraria	None	American Board of Radiology: Gyn Examiner; Brachytherapy Journal: Editor - Gyn section; Red Journal: Editor - Gyn section
Josephine	Kang	NewYork-Presbyterian Hospital/Weill Cornell Medicine	None	None	None
Benjamin	Kann	Yale New Haven Hospital: Resident Physician: Employee; Family: Yale School of Medicine: Assistant Professor: Employee	None	None	None
Ajay	Kapur	Hofstra Northwell Health School of Medicine: Associate Professor: Employee	None	None	ASTRO: Chair
Sana	Karam	University of Colorado Denver: Assistant Professor: Employee	AtsraZeneca: Research Grants	None	None
Rojano	Kashani	University of Michigan: Assistant Professor: Employee;	ViewRay Inc: consultant: Independent Contractor: Relationship ended 12/01/2018	None	None
Matthew	Katz	Lowell General Hospital: Medical Director: Employee; Radiation Oncology Associates, PA: Partner: Partner	None	Dr. Reddy's Laboratories: Stock; Mazor Robotics: Stock; U.S. Physical Therapy: Stock	ASCO: Social Media Working Group: Member, for strategic decisions about digital communications in oncology; Massachusetts Medical Society: Chair: Communications Committee
Harmeet	Kaur	MD Anderson Cancer Center	None	Twistle: Stock	None
Daisuke	Kawahara	Hiroshima University	None	None	None
Yona	Keisari	Tel-Aviv University	Alpha Tau Medical: Consultant	Alpha Tau Medical: Stock Options	Alpha Tau Medical: Chief Biomedical Officer
Maria	Kelly	Veterans Administration, NJ Healthcare System: Chief, Radiation Oncology: Employee	None	None	AAWR: immediate past president: member of executive committee; VA rad onc field advisory committee (ROFAC): immediate past chairman: ad hoc member of committee for next 3 years after over 6 years as comm chair
Christopher	Kelsey	Duke University Medical Center: Associate Professor: Employee	None	None	None
Andrew	Kennedy	Sarah Cannon Research Institute: Attending Physician: Employee	None	None	None
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Aparna	Kesarwala	National Cancer Institute: Asst Research Physician: Employee	None	None	None
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Hyun	Kim	Washington University in St. Louis: Assistant Professor: Employee	Varian: Consultant: Honoraria: Research Grants; Speaker's Bureau: Travel Expenses	None	None
Jina	Kim	Yonsei University Cancer Center	None	None	None
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Randall	Kimble	Family: University of Wisconsin: Associate Professor: Employee; University of Wisconsin: Associate Professor: Employee	American Cancer Society: Research Grants; National Institute of Health: Research Grants; V Foundation for Cancer Research: Research Grants: Relationship ended 12/31/2018	None	Family: Diabetes: Editorial Board; International Journal of Radiation Oncology Biolog: Senior Editor
Kathrin	Kirchheiner	Medical University of Vienna and General Hospital of Vienna	None	None	None
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Andrew	Kneebone	Royal North Shore Hospital	None	None	None
Jonathan	Knisely	Weill Cornell Medicine: Faculty: Employee; Family: Yale University School of Medicine: Associate Dean: Employee	None	None	ASTRO annual meeting CNS Track: Co-Chair; ASTRO Annual Meeting Scientific Committee: Member
Miriam	Knoll	Hackensack UMC Mountainside: Medical director, radiation oncology: Employee; Family: usa vascular: physician: Employee	None	None	None
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Eugene	Koay	MD Anderson Cancer Center: Assistant Professor: Employee	General Electric: Research Grants; MD Anderson Cancer Center: Research Grants; National Institutes of Health: Research Grants; PANCAN-AACR: Research Grants; Philips: Research Grants	Pending Patent: Patent/License Fees/Copyright; Taylor and Francis LLC: Royalty	Cholangiocarcinoma Foundation: Co-chair of Radiation Oncology Working Group: I help coordinate scientific and advocacy activities for this Foundation, focused on radiation oncology.
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2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

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Daniel	Krauss	Beaumont Health	None	None	None
Monica	Krishnan	Brigham and Women's Hospital/Dana-Farber Cancer Institute	None	None	None
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Abhishek	Kumar	UC San Diego Department of Radiation Medicine and Applied Sciences: Employee;	Sympto Health: Clinical Insights Consultant: Independent Contractor; Relationship ended 5/1/2019	None	None
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Siddhartha	Laskar	Tata Memorial Centre	None	None	None
David	Laszakovits	American Board of Radiology	None	None	None
Igor	Latorzeff	Clinique Pasteur, Groupe ONCORAD Garonne	Astellas: Honoraria Ipsen Pharma: Honoraria; Janssen: Honoraria; <del>Sanofi: Honoraria</del>	None	None
Anna	Laucis	University of Michigan: Resident Physician: Employee	None	Family: Biomarker.io: Stock Options	American Medical Association: Resident and Fellow Representative: I am the RFS rep on the AMA WPS Governing Council

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Theodore	Lawrence	University of Michigan	None	None	AACR: Editor, Cancer Discovery: editor of the journal Cancer Discovery; AACR: Member, Editorial Advisory Board, Cancer Today: Member of Editorial Advisory Board of journal Cancer Today; Lippincott, Williams and Wilkins: Co-Editor of Principles and Practices of Oncology; Michigan Society of Hematology and Oncology: Member, Board of Directors: To help promote exemplary care for patients with cancer and/or blood disorders through advocacy, education, and research.; NCI - BSA: Member, NCI Board of Scientific Advisors: Provides scientific advice to matters concerning scientific program policy, progress and future direction of the NCI's extramural research programs.; ROI: Member, Board of Directors: Assists with governing the Institute by setting policy and strategic direction for management related to finances, operations, public relations, and programs and services; securing financial resources and monitoring their allocation and use to meet the RO; St. Jude Children's Research Hospital: Vice-Chair, St. Jude Scientific Advisory Board: This board reviews the progress of the St. Jude Cancer Center; V Foundation for Cancer Research: Member, V Foundation Scientific Advisory
Yaacov	Lawrence	Sheba Medical Center, Tel HaShomer: Medical Center: Employee	BMS: Research Grants; Checkmate pharmaceuticals: Research Grants; Gateway for Cancer research: Research Grants	None	None
Colleen	Lawton	Medical College of Wisconsin: Professor: Employee	None	None	None
Quynh-Thu	Le	Stanford: Professor: Employee	Grail: Advisory Board: Relationship ended 12/07/2018; Merck: Consultant; NIH: Research Grants	Aldea: Stock	Head and Neck Cancer International Group (HNCIG): Chair: Chair of HNCIG; RTOG NRG Cooperative group: Head and Neck Committee Chair: chair of head and neck committee- <del>design clinical trial</del>
Christophe	Le Tourneau	Institut Curie	Nanobiotix: Honoraria	None	None
Joo Ho	Lee	Department of Radiation Oncology, Seoul National University Hospital	None	None	None
Maxwell	Lee	Cleveland Clinic Lerner College of Medicine	None	None	None
Nancy	Lee	Memorial Sloan-Kettering Cancer Center: Vice Chairman: Employee	Lilly: Consultant; Merck: Advisory Board; Pfizer: Advisory Board; <del>Vertex: Advisory Board</del>	None	None
Percy	Lee	UCLA Medical Center: Associate Professor: Employee	AstraZeneca, Inc.: Advisory Board: Consultant: Honoraria: Research Grants: Travel Expenses; Varian Inc.: Consultant: Honoraria: Travel Expenses; Viewray: Consultant: Honoraria: Research Grants: Travel Expenses	None	Committee Co-Chair: Committee Co-Chair

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Chao	Li	University of Cambridge	Cambridge Trust Scholarship: Research Grants: <b>Relationship ended 01/31/2019</b>	None	None
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Mengqian	Li	West China Hospital, Sichuan University	None	None	None
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Xiaoqiang	Li	Beaumont Health System	None	Patent: Patent/License Fees/Copyright	None
Yong-Jiang	Li	West China Hospital, Sichuan University	None	None	None
Jieming	Liang	City of Hope Cancer Center: Assistant Professor: <b>Employee</b>	None	None	None
Zhongxing	Liao	MD Anderson Cancer Center: Professor: <b>Employee</b>	None	None	ASTRO IES: Past Chair: Past Chair
Yolande	Lievens	Ghent University Hospital: Chair Radiation Oncology Department: Employee	None	None	College of Radiotherapy and Oncology Belgium: Deputy Chair; <b>ASTRO: Past-President</b>
Anna	Likhacheva	Family: Reflexion: Vice President of Medical Affairs: Employee; Sutter Health: Staff physician: Employee	None	Family: Reflexion Medical: Stock Options	Family: Reflexion: Vice President Medical Affairs; Family: Reflexion Medical: Vice President <b>Medical Affairs</b>
Seng	Lim	Memorial Sloan Kettering Cancer Center: Senior <b>Radiotherapy Physicist: Employee</b>	None	None	None
Young Kyung	Lim	National Cancer Center	None	None	None
Lilie	Lin	MD Anderson Cancer Center: Associate Professor: Employee; <b>Family: VA Hospital: Radiologist: Employee</b>	Astrazeneca: Research Grants: Travel Expenses	None	None
Mu-Han	Lin	Department of Radiation Oncology, University of Texas Southwestern Medical Center	None	None	None
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Jesper	Lindberg	Department of Radiation Physics, Institute of Clinical Sciences, Sahlgrenska Academy, <b>Gothenburg University</b>	Assar Gabriellsson Foundation for Clinical Cancer Research: Research Grants	None	None
Chao	Liu	Renmin Hospital of Wuhan University	None	None	None
Fei-Fei	Liu	Princess Margaret Cancer Centre/University of Toronto	None	None	Princess Margaret Cancer Centre - RMP: Chief; University of Toronto - DRO: Chair
Kevin	Liu	Brigham and Women's Hospital, Dana-Farber Cancer Institute, Boston Children's Hospital	None	None	None
Qi	Liu	Fudan University Shanghai Cancer Center	None	None	None
Shi	Liu	Stanford University: Resident: Employee	None	None	None

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Shane	Lloyd	University of Utah: Assistant Professor: <del>Employee</del>	None	None	None
Andrea	Lo	BC Cancer Vancouver: Radiation Oncologist: <del>Employee</del>	None	None	None
Simon	Lo	University of Washington Medical Center: Professor of Radiation Oncology: Employee	Elekta: Member of the research group	None	American College of Radiology: President: Promote radiation oncology in various capacities; American Radium Society: Panel Chair: Providing leadership in the generation of practice guidelines for bone metastasis; Radiological Society of North America (RSNA): Radiation Oncology Track Chair: Organizing refresher courses in radiation oncology in RSNA annual meeting; Radiosurgery Society: Medical Director: Developing and overseeing the SRS/ SBRT accreditation process; Radiosurgery Society: Member: Strategic planning for the society and its activities to
D. Andrew	Loblaw	Dr. Loblaw Medicine Professional Corp: President: Employee; University of Toronto: Employee	AbbVie: Consultant: Honoraria; Astellas: Advisory Board: Honoraria; Bayer: Honoraria; <del>Janssen: Advisory Board: Honoraria</del>	Sunnybrook Research Institute: Patent/License Fees/Copyright	Prostate Cure Foundation: Founder and Chair: Oversees the running of the charity
Natalie	Lockney	Department of Radiation Oncology, University of Florida College of Medicine	None	None	None
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Sarah	Lombardi	Yale New Haven Health System	None	None	None
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Billy	Loo	Stanford University: Associate Professor: Employee	Varian Medical Systems Inc: Research Grants	TibaRay, Inc.: Stock	American College of Radiology: Chair; National Comprehensive Cancer Network: Vice-chair; <del>TibaRay, Inc.: Board Member</del>
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Jiade	Lu	Shanghai Proton and Heavy Ion Center, Fudan University Cancer Hospital	Springer Nature Publishing: Royalty from book and journal publishing	None	Shanghai Proton and Heavy Ion Center: Exec. VP: Exec. VP
Shao-Lun	Lu	National Taiwan University Hospital	None	None	None
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Everett	Moding	Stanford University School of Medicine	None	None	None
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Serena	Monti	National Research Council, Institute of <b>Biostructures and Bioimaging</b>	None	None	None
Jean	Moran	University of Michigan: Professor: Employee	AAPM: Travel Expenses; Blue Cross Blue Shield of Michigan: Research Grants; Modus Medical Devices: gels for research applications; NIH: Research Grants; Veritas Medical Systems: Research Grants	None	AAPM: Chair: I serve the AAPM as: Chair of the Therapy Physics Committee, Chair of the Work Group on Task Group Review Streamlining and Chair of Work Group on RO-ILS.
Eduardo	Moros	Moffitt Cancer Center: Chief of Medical Physics: Employee	None	None	American Association of Physicists in Medicine: Member of Science Council: Promote research in the AAPM; American Association of Physicists in Medicine: Vice-Chair, Research Committee: Promoting research in the AAPM
Michael	Morowitz	University of Pittsburgh Department of Surgery	None	None	None
Emily	Morris	University of Michigan	None	None	None
Michael	Morris	Memorial Sloan Kettering Cancer Center	Bayer: Research Grants; Corcept: Research Grants; Endocyte: Research Grants; Oric: Consultant: Relationship ended 02/01/2019; Progenics: Research Grants; Roche/Genentech: Research Grants; Sandoz: Research Grants	None	None
Zachary	Morris	University of Wisconsin School of Medicine and Pub: Assistant Professor: Employee	None	Archeus Technologies LTD: Stock Options	American College of Radiology: Young Physician Section appointee to CARROS Execut: committee member
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Monica	Morrow	Memorial Sloan Kettering Cancer Center	genomic health: Honoraria: Relationship ended 05/06/2019; Roche: Honoraria: Relationship ended 09/24/2018	None	None
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Donald	Muller	University of Virginia	None	None	None
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Erin	Murphy	Taussig Cancer Institute, Cleveland Clinic	None	None	None
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George	Naoum	Harvard Medical School, Radiation oncology department, Massachusetts general hospital	None	None	None
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John	Neilson	Medical College of Wisconsin	Mtf: Advisory Board	None	None
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David	Palma	London Health Sciences Centre: Radiation Oncologist: Employee	Ontario Institute for Cancer Research: Research Grants	U.S. Patent for CT method of imaging analysis after radiation: Patent/License Fees/Copyright: not commercialized or licensed, no financial implication	None
Giuseppe	Palma	National Research Council, Institute of Biostructures and Bioimaging	None	None	None
Joshua	Palmer	Ohio State University: Assistant Professor: Employee	Depuy Synthes: Speaker's Bureau; Varian Medical Systems: Research Grants	None	None
Jatinder	Palta	Virginia Commonwealth University: Professor and Chair of Medical Physics: Employee	None	None	Center for Assessment of Radiological Sciences: Vice President: Policy setting
Manisha	Palta	Duke University: Associate Professor: Employee	Merck: Research Grants; UpToDate: Honoraria; Varian: Research Grants	None	ASTRO Pancreas Cancer Guideline Taskforce Co-chair: Co-Chair; GI ASCO Steering Committee: Member
Neeta	Pandit-Taskar	Memorial Sloan Kettering Cancer Center	Actinium Pharma: Speaker's Bureau; Imaginab: Research Grants; Medimmune/astraZeneca: Speaker's Bureau: Relationship ended 04/30/2019; Progenics: Advisory Board: Relationship ended 04/01/2019	None	None
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Shireen	Parsai	Taussig Cancer Institute, Cleveland Clinic	None	None	None
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Jay Paul	Reddy	Family: Affordable Dental: Dentist: Employee; MD Anderson Cancer Center: Assistant Professor: Employee	VisionRT: Travel Expenses	None	None
Kristin	Redmond	Johns Hopkins University: Faculty Member: Employee	Accuray: Honoraria: Research Grants: Travel Expenses; AstraZeneca: Honoraria; Elekta AB: Research Grants: Travel Expenses	None	None
Amar	Rewari	Associates in Radiation Medicine: Physician: Employee	None	None	ASTRO: Chair of CDVC Committee; ASTRO: RUC Alternate Advisor: RUC Alternate Advisor; Fund for Education Abroad: Trustee of the Board: Board Member
Marsha	Reyngold	Memorial Sloan Kettering: Assistant Attending: Employee	None	None	None
Shayna	Rich	Haven Hospice: Assistant Medical Director: Employee	None	None	None
Oliver	Riesterer	University Hospital Zurich, University of Zurich	Merck Schweiz AG: Advisory Board	None	None
Andreas	Rimner	Memorial Sloan Kettering Cancer Center: Associate Attending: Employee	Astra Zeneca: Research Grants; Boehringer Ingelheim: Research Grants; Cybexa: Advisory Board: Relationship ended 03/30/2019; MoreHealth: Honoraria; Pfizer: Research Grants; Philips/Elekta: Travel Expenses: Relationship ended 09/28/2018; Research to Practice: Honoraria: Relationship ended 02/27/2019; Varian Medical Systems: Research Grants	None	International Mesothelioma Interest Group: Board Member; International Thymic Malignancies Interest Group: Vice President
Paul	Riviere	University of California San Diego: Medical Student	Peptide Logic LLC: Junior Clinical Scientist: Research Grant	None	None
Mack	Roach	National Cancer Institute: Board Member: Employee; University of California San Francisco: Professor, Department of Radiation Oncology: Employee	Bayer: Advisory Board: Travel Expenses; Blue Earth: Advisory Board: Honoraria: Travel Expenses; International Atomic Energy Agency: Consultant: Travel Expenses; Janssen Pharma: Advisory Board: Consultant: Travel Expenses	Family: Abbott, Agilent, Altria, GSK, Hospira: Stock	NCAB: Board Member: Advise NCI Director, set research agenda
Jared	Robbins	Banner University Medical System: Radiation Oncologist: Employee; University of Arizona - College of Medicine: Associate Professor: Employee	None	None	None
Hannah	Roberts	Harvard Radiation Oncology Program: Resident: Employee	None	None	None
Danielle	Rodin	Department of Radiation Oncology, University of Toronto	None	None	None

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George	Rodrigues	George Rodrigues Medicine Professional Corporation: President: Independent Contractor; London Health Sciences Centre: Faculty: Employee	None	Demos Medical Publishing: Royalty; George Rodrigues Medicine Professional Corporation: Stock	None
Cristina	Rodriguez	University of Washington: Associate Professor: Employee	Family: Acerta: Research Grants; Family: AstraZeneca: Research Grants; AstraZeneca: Research Grants; Ayala: Research Grants; BMS: Research Grants; Cue: Advisory Board; Family: Genentech: Research Grants; Family: Incyte: Research Grants; Family: Merck: Research Grants; Merck: Research Grants;	None	None
Nuria	Rodriguez De Dios	HOSPITAL DEL MAR	None	None	None
C. Leland	Rogers	Barrow Neurological Institute: Radiation Oncologist: Employee	Barrow Neurological Institute: Research Grants; NCI - ActNOW: Research Grants	None	None
Christina	Roland	MD Anderson Cancer Center	Bristol Myers Squibb: Research Grants	None	None
Michael	Rooney	University of Illinois College of Medicine	None	None	None
Arthur	Rosa	Hospital Portugues da Bahia: Physician: Employee	Astra Zeneca: Advisory Board; Roche: Honoraria	None	President: Brazilian Radiotherapy Society (Sociedade Brasileira de Radioterapia)
David	Rosenthal	The University of Texas MD Anderson Cancer Center: Professor: Employee	Merck: Advisory Board: Honoraria	None	None
Kenneth	Rosenzweig	Mount Sinai Medical Center: Professor and Chairman: Employee	None	None	None
Ariana	Rostami	University of Toronto	None	None	None
Amit	Roy	Washington University in St. Louis: Resident Physician: Employee	None	None	None
Trevor	Royce	Brigham and Women's Hospital: Resident Physician: Employee; University of North Carolina at Chapel Hill: Assistant Professor: Employee	None	None	None
Dan	Ruan	UCLA: associate professor: Employee	None	None	None
James	Russo	Ochsner: Radiation Oncologist: Employee; Family: Pain Cener of Baton Rouge: PA-C: Employee	None	None	None
Suzanne Mary	Russo	Family: University Hospitals: MD: Employee; University Hospitals: MD: Employee	None	None	None
Chad	Rusthoven	University of Colorado	Genetech: Honoraria: Relationship ended 04/12/2019; Takeda: Honoraria: Relationship ended 12/18/2018	None	None
Jean-Claude	Rwigema	Mayo Clinic	None	None	None
Samuel	Ryu	Stony Brook University, Department of Radiation Oncology	None	None	None
Igor	Sadetskii	Sheba Medical Centre: MD: Employee	None	None	None

2019 ASTRO Annual Meeting Faculty and Presenters Disclosures

Arjun	Sahgal	Sunnybrook Health Sciences Centre: Radiation Oncologist: Independent Contractor	Accuray Inc.: Honoraria; BrainLAB: Consultant: Honoraria: Travel Expenses; Elekta AB: Honoraria: Research Grants: Travel Expenses; Medtronic Kyphon: Honoraria; Merck: Consultant; Roche: Consultant; Varian: Travel Expenses; Varian (CNS Teaching Faculty): Honoraria; Varian (Medical Advisory Group): Consultant; VieCure (Medical Advisory Board): Consultant	None	AO Spine: AO Spine Tumor Forum committee member; International Society of Stereotactic Radiosurgery (ISRS): Ex Officio
Naoyuki	Saito	Indiana University School of Medicine	None	None	None
Kilian	Salerno	NIH/NCI: Radiation Oncologist: Employee	ACR: Travel Expenses	Family: Johnson and Johnson: Stock	None
Shruti	Salvi	HCG Cancer Center	None	None	None
Suchi	Saria	Johns Hopkins University	None	None	None
Reith	Sarkar	UC San Diego Department of Radiation Medicine and Applied Sciences	None	None	None
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Henning	Schaefer	University of Freiburg	None	None	None
Tracey	Scheffer	Department of Radiation Oncology, University of Colorado School of Medicine	None	None	None
Jennifer	Schmid	Henry Ford Allegiance Health: Nurse Practitioner: Employee	None	None	None
Thomas	Schmid	Department of Radiation Oncology, Technical University of Munich (TUM)	None	None	None
Jonathan	Schoenfeld	Brigham and Women's Hospital: Radiation Oncologist: Employee	ACI Clinical: Data Monitoring Committee; BMS: Research Grants; Catenion: Consultant: Relationship ended 02/28/2019; LEK: Consultant; Merck: Research Grants; Tilly: Consultant	None	NCI Match Subprotocol Z1D: Translational PI
Diane	Schott	Medical College of Wisconsin: Medical Physics Resident: Employee	None	None	None
Jan	Schuemann	Department of Radiation Oncology, Massachusetts General Hospital, Harvard Medical School	None	None	Radiation Research Society: Councilor of Physics; Councilor of Physics
Leif-erik	Schumacher	University of Miami	None	None	None
Julie	Schwarz	Washington University School of Medicine	None	None	None
Tine	Schytte	Odense University Hospital	None	None	None
Jacob	Scott	Cleveland Clinic: Physician: Employee	Cvergenx: Consultant: Independent Contractor	None	None
Nikhil	Sebastian	The Ohio State University Wexner Medical Center	None	None	None
Ugur	Selek	American Hospital, Istanbul, Turkey: Department Chair: Employee; Koc University, Istanbul, Turkey: Professor: Employee; U.T. M.D. Anderson Cancer Center: Adjunct Faculty: Employee	Accuray Advisory Board: Advisory Board	None	Turkish Society for Radiation Oncology: Chair: Coordinating genitourinary research & education activities in genitourinary cancers
Anil	Sethi	Loyola University Chicago	None	None	TARGIT Collaborative Group: Board Member: Session Organizer/Presenter at National meetings
Steven	Seyedin	University of Iowa Hospitals and Clinics	None	None	None

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Zachary	Seymour	Beaumont Health	Augmenix/Boston Scientific: Research Grants	None	None
Simona	Shaitelman	UT MD Anderson Cancer Center: Associate Professor: Employee	Varian: Research Grants	None	None
Thomas	Shakespeare	Mid North Coast Local Health District: Doctor: Employee	None	None	Mid North Coast Cancer Institute: Director Radiation Oncology: Department Director
Vangipuram	Shankar	HCG Cancer Center	None	None	None
Yiping	Shao	University of Texas Southwestern Medical Center	None	None	None
Andrew	Sharabi	University of California San Diego: Assistant Professor: Employee	AstraZeneca: Advisory Board; Pfizer: Research Grants; Varian Medical Systems: Research Grants	Toragen Biotechnologies: Stock	San Diego Center for Precision Immunotherapy: Scientific Advisory Committee Member; Toragen Biotechnologies: Founder
Yasamin	Sharifzadeh	Virginia Commonwealth University School of Medicine	None	None	None
Khadija	Sheikh	Johns Hopkins Hospital: Physics Resident: Employee; Johns Hopkins University School of Medicine: Medical Physics Resident: Employee	ASTRO-AAPM: Research Grants; ASTRO-AAPM Seed Grant: Research Grants	None	None
Chenyang	Shen	Department of Radiation Oncology, University of Texas Southwestern Medical Center	None	None	None
Liyue	Shen	Stanford University: PhD student: Employee	None	None	None
Ke	Sheng	University of California, Los Angeles	None	None	None
Rachel	Shenker	Wake Forest School of Medicine	None	None	None
David	Sher	UT Southwestern Medical Center: Associate Professor: Employee	None	None	None
Tracy	Sherertz	Washington Permanente Medical Group: Associate: Employee	None	None	None
Stephen	Shiao	Family: Cedars-Sinai Medical Center: Assistant Professor: Employee; Cedars-Sinai Medical Center: Assistant Professor: Employee	ASTRO: Research Grants; DoD: Research Grants; NCI: Research Grants; UCLA CTSI: Research Grants	None	NCI Immunomodulation and Radiation Working Group: Member: Participate in reviewing grants and trials that involve immunotherapy/immunomodulation and radiation for the NCI; NRG Oncology: Member and Liaison to CNS Group: Participate in reviewing all immune-related trials for the NRG Oncology trial group. I am responsible for presenting and communicating with the CNS trial working
Helen	Shih	Family: Dartmouth Hitchcock: Medical Center: Employee; Massachusetts General Hospital: Faculty: Employee	prIME Oncology: Speaker's Bureau: Relationship ended 11/16/2018; UpToDate: Honoraria	None	Massachusetts General Hospital: Chief, CNS & Eye Radiat Oncol Services: clinical operational leader; Massachusetts General Hospital: Medical Director, Proton Therapy Centers: director of clinical operations
Eric	Shinohara	Vanderbilt University	None	None	Gateway Vanderbilt: Board member
Anand	Shivnani	Texas Oncology: Radiation Oncologist: Employee	None	Gradalis: Stock	None
Hui-Kuo George	Shu	Emory University, Dept. of Radiation Oncology: Professor: Employee	Varian Medical Systems: Honoraria: Speaker's Bureau: Travel Expenses	Akebia Therapeutics Inc: Stock; Apple: Stock; ICON PLC SHS: Stock; Medtronics: Stock	NCI-QIRT Working Group: Co-Chairman: Serve as one of 3 co-chairs (w/John Buatti and Ying Xiao) that brings together rad onc researchers that is advancing quantitative imaging in radiation oncology to promote the adoption of AI techniques
Monica	Shukla	Medical College of Wisconsin	None	None	None
Dean	Shumway	Mayo Clinic: Assistant Professor: Employee	None	None	None

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Farzan	Siddiqui	Family: Children's Hospital of Michigan: MD: Employee; Henry Ford Health System: Senior Staff Physician: Employee	American College of Radiology: Honoraria; Varian Medical Systems, Inc.: Honoraria: Travel Expenses; Wayne State University: Honoraria	None	American Radium Society: Committee Chair; Department of Radiation Oncology, Henry Ford Hosp: Vice-Chairman or Operations: Serve as liaison between Health System leadership and department; HFHS Bylaws and Governance Committee: Committee Chair
Malika	Siker	Medical College of Wisconsin: Associate Professor: Employee	None	None	None
Charles	Simone	New York Proton Center: Chief Medical Officer: Employee; Family: New York Proton Center: Physician: Employee	None	None	American Society for Radiation Oncology: Chair, Lung Resource Panel; Annals of Palliative Medicine: Editor-in-Chief; Proton Collaborative Group (PCG): Chair, Executive Council; Chair, Lung Committee
Nicole	Simone	TJUH: Professor: Employee	None	None	Thomas Jefferson University: Radiation Oncology Leader: make decisions on pt care for TJU
Apurva	Singh	George Washington University	None	None	None
Pankaj	Singh	he University of Texas MD Anderson Cancer Center	None	None	None
Kamal	Singh	University of California, Los Angeles	None	None	None
Sumi	Sinha	University of California San Francisco	None	None	None
Terence	Sio	Mayo Clinic: Radiation Oncologist: Employee	Novocure, Inc.: Advisory Board: Speaker's Bureau	None	None
Shankar	Siva	Peter MacCallum Cancer Centre: Associate Professor: Employee	Astellas: Travel Expenses; Astra Zeneca: Travel Expenses: Relationship ended 10/30/2018; Bristol Meyer Squibb: Travel Expenses; Roche Pharmaceuticals: Speaker's Bureau: Relationship ended 12/30/2018; Varian	None	None
Heath	Skinner	UPMC Hillman Cancer Center: Associate Professor: Employee	NIH: Research Grants	None	None
Ben	Slotman	VU University Medical Center: Professor and Chair of Radiation Oncology: Employee	Varian Medical Systems Inc: Research Grants: Travel Expenses; ViewRay: Honoraria: Research Grants	None	American Radium Society: Immediate Past President: Relationship ended 04/09/2019; ESTRO: President-elect: 2018-2020; President-elect; Radiosurgery Society: Board Member
DeeDee	Smart	National Institutes of Health: Investigator: Employee	None	None	None
Benjamin	Smith	Family: UT MD Anderson Cancer Center: Assistant Professor: Employee; UT MD Anderson Cancer Center: Professor: Employee	MD Anderson Cancer Center: Research Grants	Oncora Medical: Patent/License Fees/Copyright: Royalty	None
Clayton	Smith	Vanderbilt University Medical Center	None	None	None
Grace	Smith	MD Anderson Cancer Center: Assistant Professor: Employee	None	None	Family: ASTRO: Board Member
William	Smith	Icahn School of Medicine at Mount Sinai	None	None	None
James	Snider	University of Maryland Medical Center: Resident: Employee; University of Maryland School of Medicine: Assistant Professor: Employee	PYREXAR Medical: Honoraria: Speaker's Bureau: Travel Expenses; University of Maryland School of Medicine, Varian Medical Systems: Honoraria: Speaker's Bureau: Travel Expenses	None	Particle Therapy Co-Operative Group: Head and Neck Subcommittee Member; Particle Therapy Co-Operative Group: Sarcoma/BOS/CNS Subcommittee Member
Matija	Snuderl	New York University School of Medicine	None	None	None
Quaovi	Sodji	Department of Radiation Oncology, Stanford University School of Medicine	None	None	None

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Abhishek	Solanki	Edward Hines VA Hospital: Radiation Oncologist: Employee; Loyola University Medical Center: Attending Physician: Employee	Blue Earth Diagnostics: Advisory Board: Consultant: Honoraria: Speaker's Bureau: Travel Expenses	None	Council of Regional Radiation Oncology Societies: Councilor: I am the alternate councilor for the CARROS caucus of the ACR
Sebastian	Sole	Instituto de Radiomedicina	None	None	None
Lilja	Solnes	Johns Hopkins University	Progenics: Consultant: Research Grants	None	Progenics: Consultant: Medical Advisor
Scott	Soltys	Stanford University: Associate Professor: Employee	None	None	None
Andrew	Song	Thomas Jefferson University Hospitals: Resident Physician: Employee	None	None	None
Payal	Soni	Hunter Holmes McGuire VAMC: Radiation Oncologist: Employee; Virginia Commonwealth University Cancer Center: Assistant Professor: Employee	None	None	None
Adam	Sowalsky	National Cancer Institute	None	None	None
Mateusz	Spatek	Maria Sklodowska-Curie Institute - Oncology Center	Bristol-Myers Squibb: Travel Expenses: Relationship ended 10/31/2018	None	None
Lena	Specht	Rigshospitalet: University of Copenhagen: Employee	Kyowa Kirin: Advisory Board; Merck Serono: Travel Expenses: Relationship ended 12/01/2018; MSD: Advisory Board: Travel Expenses; Takeda: Advisory Board; Varian: Research Grants	None	Danish Hodgkin Lymphoma Group: Chairman; Danish Lymphoma Proton Therapy Group: Chairman; International Lymphoma Radiation Oncology Group: Vice President
Corey	Speers	University of Michigan Hospital: Assistant Professor: Employee	None	PFS Genomics: Co-Founder	None
Alexander	Spektor	Family: Boston Medical Center: Instructor: Employee; Brigham&Women's Hospital: Assistant Professor: Employee; Dana-Farber Cancer Institute: Assistant Professor: Employee	None	None	None
Elena	Sperk	University Medical Center Mannheim, University of Heidelberg	Zeiss Meditec: Speaker's Bureau: Travel Expenses	None	None
Catherine	Spina	Columbia University Medical Center: Resident: Employee; Family: Concerto Health AI: President: Employee: Other	None	Family: Concerto Health AI: Stock	Family: Concerto Health AI: President: President
Daniel	Spratt	University of Michigan: Radiation Oncologist: Employee	Blue Earth: Advisory Board: Relationship ended 11/14/2018; Janssen: Research Grants	None	None
Amar	Srivastava	Department of Radiation Oncology, Washington University School of Medicine	None	None	None
Barbara	Stam	Netherlands cancer institute: senior postdoc: Employee	None	None	None
Roel	Steenbakkers	University of Groningen, University Medical Center Groningen	None	None	None
Michael	Steinberg	Family: Kurtin Capital: CEO: CEO; University of California, Los Angeles: Professor and Chair: Employee	ViewRay: Honoraria: Relationship ended 09/30/2018; VisionRT: Consultant: Relationship ended 04/30/2019	Family: Kurtin Capital: Stock	Family: University of the Pacific: Regent: Regent
Sonja	Stieb	MD Anderson Cancer Center: Postdoctoral Fellow: Employee	Swiss Cancer League: Research Grants	None	None
Richard	Stock	Icahn School of Medicine at Mount Sinai	None	None	None
Michael	Story	University of Texas Southwestern Medical Center	None	None	None
Radka	Stoyanova	University of Miami	None	None	None
Alina	Sturdza	University of Vienna	Elekta: Honoraria: Research Grants; Varian: Research Grants	None	None

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Shivani	Sud	The University of North Carolina at Chapel Hill	None	None	None
Lisa	Sudmeier	Winship Cancer Institute of Emory University	None	None	None
Erik	Sulman	University of Texas MD Anderson Cancer	Blue Earth Diagnostics: Advisory Board: Relationship ended 11/18/2018; Merck: Honoraria: Travel Expenses; Novocure: Advisory Board: Travel Expenses; Physician's Education Resource: Honoraria: Relationship ended 11/18/2018	None	None
Baozhou	Sun	Washington University School of Medicine	None	None	None
Guangyi	Sun	State Key Laboratory of Molecular Oncology and Department of Radiation Oncology, National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences (CAMS) and Peking Union Medical College (PUMC)	None	None	None
Gita	Suneja	Duke University: Associate Professor: Employee; Family: University of North Carolina: Assistant Professor: Employee	American Board of Radiology: Travel Expenses; National Comprehensive Cancer Network: Honoraria: Travel Expenses; National Institutes of Health: Research Grants; Radiation Oncology Institute: Travel Expenses	None	ASTRO: CHEDI Education Subcomm Chair; ASTRO: Scientific Comm Health Services Track Vice-Chair; National Comprehensive Cancer Network: HIV Panel Co-Chair; Radiation Oncology Institute: Research Committee Chair
Wonmo	Sung	Massachusetts General Hospital: Research Fellow: Employee	NIH: Research Grants	None	None
Rafal	Suwinski	Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology, Gliwice Branch M. Skłodowska-Curie Memorial Cancer Center and Institute of Oncology, Gliwice Branch	None	None	None
Samuel	Swisher-McClure	University of Pennsylvania: Assistant Professor: Employee	None	None	None
Yusef	Syed	Emory University: House Staff Officer: Employee	None	None	None
Vinita	Takiar	University of Cincinnati: Assistant Professor: Employee	None	None	None
Cristiane	Takita	Family: University of Miami Miller School of Medicine: Assistant Professor, Hematology/Oncology Division: Employee; University of Miami Miller School of Medicine: Professor of Clinical Radiation Oncology, Residency Program Director: Employee	Sylvester Comprehensive Cancer Center: Research Grants	None	University of Miami Miller School of Medicine: Professor, Residency Program Director: Appointed Residency Program Director and promoted to Professor in Radiation Oncology
Wesley	Talcott	Yale School of Medicine	None	None	None
Chad	Tang	MD Anderson Cancer Center: Assistant Professor: Employee	Reflexion: Honoraria: Relationship ended 01/01/2019	Corvus Pharmaceutical: Stock; Wolter Kluwer: Patent/License Fees/Copyright	None
Xiaoli	Tang	Memorial Sloan Kettering Cancer Center	None	None	None

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Randa	Tao	University of Utah Huntsman Cancer Institute: Assistant Professor: Employee	None	None	None
Bouchra	Tawk	German Cancer Research Center (DKFZ) and German Cancer Consortium (DKTK) core center	None	None	None
Rahul	Tendulkar	Cleveland Clinic: Staff physician: Employee	Varian Medical Systems: Honoraria	None	None
Feifei	Teng	Shandong Cancer Hospital and Institute	None	None	None
Stephanie	Terezakis	Johns Hopkins School of Medicine: Associate Professor: Employee: Relationship ended 12/13/2018; University of Minnesota: Professor: Employee	ASELL: Research Grants: Relationship ended 12/13/2018; Elekta: Honoraria: Research Grants: Travel Expenses: Relationship ended 12/13/2018	None	None
Juliette	Thariat	Centre François Baclesse	None	None	None
Pierre	Thirion	St Luke's Radiation Oncology Network	None	None	None
Charles	Thomas	Oregon Health and Science University: Professor and Chair: Employee	None	None	AMA: Deputy Editor: Journal editor
Andrew	Thompson	Beaumont Health: Physician: Employee	None	None	None
Cameron	Thorpe	Mayo Clinic: Resident: Employee	None	None	None
Daniela	Thorwarth	University of Tübingen	Elekta: Research Grants; Philips: Research Grants; Siemens: Research Grants: Relationship ended 04/30/2019	None	None
Michelle	Tibbs	University of California, San Diego	None	None	None
Robert	Timmerman	University of Texas Southwestern Medical Center: Professor: Employee	Accuray, Inc: Research Grants; Boston Scientific: Consultant; Elekta Oncology: Research Grants; <del>Varian Medical Systems: Research Grants</del>	None	None
Kazuma	Toda	Tokyo Medical and Dental University	None	None	None
Martin	Tom	Cleveland Clinic: Resident Physician: Employee	Blue Earth Diagnostics: Research Grants	None	None
Natsuo	Tomita	Nagoya City University Graduate School of Medical Sciences	None	None	None
Nuo	Tong	University of California, Los Angeles	None	None	None
Garth	Tormoen	Oregon Health and Science University	None	None	None
Laura	Towery	University of Florida College of Medicine	None	None	None
Phuoc	Tran	Johns Hopkins Medical Institutions: Associate Professor: Employee	Astellas-Medivation: Advisory Board: Research Grants; Bayer Healthcare: Research Grants; Movember- PCF: Research Grants; NIH-NCI: Research Grants; PCORI: Research Grants; RefleXion Medical: Consultant: Travel Expenses	Compounds and Methods of Use in Ablative RT: Patent/License Fees/Copyright; Natsar Pharmaceuticals: Patent/License Fees/Copyright	ASTRO: Grants Subcommittee: Vice Chair; Cancer Research: Senior Editor; Journal of Clinical Oncology: Editorial Board; NRG Oncology: GU TRP Co-Chair; RSNA: Oncologic Image & Therapies Task Force: Cancer Biologist
Alison	Tree	Institute of Cancer Research: Associate Honorary Faculty: Employee; Royal Marsden NHS Foundation Trust: Consultant Clinical Oncologist: Employee	Accuray: Research Grants; Elekta: Honoraria: Research Grants: Travel Expenses; MSD: Research Grants	None	Elekta MR Linac consortium: Prostate theme lead and institutional lead: To coordinate prostate research efforts on the MR Linac and to oversee the overall consortium activities; NCRI Prostate Clinical Studies Group: Committee member: Attend strategy meetings, give feedback to investigators on their proposed trials.; UK SABR consortium: Executive board member: Support and organisation for annual meeting and other ad hoc meetings/projects

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Daniel	Trifiletti	Mayo Clinic Jacksonville: Radiation Oncologist: Employee	None	None	None
Edward Lloyd	Trimble	National Cancer Institute	None	None	None
Minh Tam	Truong	Boston Medical Center: Chief Radiation Oncology: Employee	American Board Radiology: Travel Expenses	None	None
C Jillian	Tsai	Memorial Sloan Kettering Cancer Center: Assistant Attending: Employee	None	None	None
Richard	Tsang	Princess Margaret Cancer Centre: Radiation Oncologist: Employee	None	None	None
Yolanda	Tseng	Family: Allen Brain Science Institute: Scientist 2: Employee; University of Washington Medical Center: Assistant Professor: Employee	Aggregate Analytics: Consultant: Relationship ended 05/01/2019	None	None
Christina	Tsien	Washington University at St. Louis: Professor: Employee	Varian: Speaker's Bureau	None	RSNA Oncologic Imaging Committee: Vice-Chair
Richard	Tuli	Cedars-Sinai Medical Center: Associate Professor: Employee: Relationship ended 02/24/2019; Memorial Sloan Kettering Cancer Center: Associate Professor: Employee	Astra Zeneca: Consultant: Research Grants	None	None
Jinsoo	Uh	St. Jude Children's Research Hospital	None	None	None
Rituraj	Upadhyay	All India Institute of Medical Sciences	None	None	None
Richard	Valicenti	University of California, Davis: Professor and Chairman: Employee	None	None	None
Romy	van Amelsfoort	The Netherlands Cancer Institute (NKI-AVL), Department of Radiation Oncology	None	None	None
Annick	Van den Abbeele	Dana-Farber Cancer Institute: Employee	ImaginAb: Travel Expenses; Ipsen: Travel Expenses BMS: Consultant: unpaid consultant; Fusion Pharmaceuticals: Consultant: unpaid consultant; ImaginAb: Principal Investigator: trial PI; <del>ImaginAb: Principal Investigator: trial PI</del>	None	Centre for Probe Development and Commercialization: Board Member: unpaid board member
Hans Paul	van der Laan	University of Groningen, University Medical Center Groningen	None	None	None
Lisanne	van Dijk	UMC Groningen	None	None	None
Peter	van Rossum	University Medical Center Utrecht: Resident Physician: Employee	None	None	None
Sean	Vance	Henry Ford Health System: Physician: Employee	None	None	None
Neha	Vapiwala	Family: University of Pennsylvania: Associate Professor: Employee; University of Pennsylvania: Associate Professor: Employee	Magellan HealthRx: Consultant;	None	ACGME Residency Review Committee: Vice Chair; ADROP: Immediate Past-President; ASTRO GU Resource Panel: Chair
John Austin	Vargo	UPMC Hillman Cancer Center, University of Pittsburgh School of Medicine	None	None	None
Michael	Velec	Family: Princess Margaret Cancer Centre: Radiation Therapist: Employee; Princess Margaret Cancer Centre: Radiation Therapist: Employee	CAMRT: Honoraria: Travel Expenses; CARO: Research Grants	None	None
Toms	Vengaloor Thomas	University of Mississippi Medical Center: Resident physician: Employee	None	None	American College of Radiation Oncology (ACRO): National resident committee member: National resident committee member
Esther	Vicente	University of Maryland, Baltimore: Postdoctoral Fellow: Employee	None	None	None

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Gregory	Videtic	Cleveland Clinic: Staff Physician: Employee	None	None	ASTRO: Member; ASTRO: Member: draft and review treatment guidelines in lung cancer; IASLC: Member; RTOG: Member: Member, Lung cancer steering Committee Liaison for Lung Committee to the Advanced Technology Integration Committee
Bhadrasain	Vikram	National Cancer Institute	None	None	None
Yevgeniy	Vinogradskiy	University of Colorado Denver; Department of Radiation Oncology, University of Colorado School of Medicine	None	None	None
Akila	Viswanathan	Johns Hopkins University: Executive Vice Chair, Radiation Oncology: Employee	None	None	None
Lucas	Vitzthum	UCSD: Radiation Oncology Resident: Employee	None	None	None
Erina	Vlasi	UCLA	None	None	None
Ivan	Vogelius	Rigshospitalet, University of Copenhagen	None	None	None
Marie	Vozenin	Centre Hospitalier Universitaire Vaudois (CHUV)	Roche: Research Grants	None	None
Hirak	Vyas	Geetanjali Cancer Center	None	None	None
Mark	Waddle	Mayo Clinic: Resident: Employee	None	None	None
Daniel	Wahl	University of Michigan	None	None	None
Terry	Wall	Tri, PA	None	None	None
Gae	Walters	Millennium Consulting	None	None	None
Xiangbo	Wan	Guangdong Institute of Gastroenterology Institute, Sun Yat-sen University	None	None	None
Andrew	Wang	The University of North Carolina at Chapel Hill	None	None	None
Chunhao	Wang	Duke University Medical Center: Medical Physicist: Employee	None	None	None
Daquan	Wang	National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College	None	None	None
Kyle	Wang	University of North Carolina at Chapel Hill	None	None	None
Qifeng	Wang	Sichuan Cancer Hospital& Institution, Sichuan Cancer Center, School of Medicine, University of Electronic Science and Technology of China	None	None	None
Shang-Jui	Wang	Rutgers Cancer Institute of New Jersey: Resident: Employee	None	None	None
Tony	Wang	Columbia University Irving Medical Center: Associate Professor: Employee	Abbvie: Consultant: Travel Expenses; AstraZeneca: Advisory Board; Cancer Panels: Honoraria; Doximity: Consultant; Elekta: Consultant: Honoraria: Travel Expenses; Merck: Consultant; Novocure: Advisory Board; RTOG Foundation: Research Grants; Wolters Kluwer: Royalties	Doximity: Stock Options	None
Weihu	Wang	Peking University Cancer Hospital and Institute	None	None	None

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Weiping	Wang	Peking Union Medical College Hospital. Chinese Academy of Medical Sciences & Peking Union Medical College	None	None	None
Xin	Wang	National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College	None	None	None
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