

Phillip Jay Beron, M.D.

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Radiation Oncologist	Cancer Treatment Centers of America Phoenix/Goodyear, Arizona Department of Radiation Oncology Chief, Quality Officer Chair, Grievance Committee	2019 – Present
Associate Clinical Professor	David Geffen School of Medicine at UCLA Department of Radiation Oncology Chief, Westwood Breast Radiation Oncology Service Chief, Lymphoma Radiation Oncology Service Chief, Total Body Radiation Service Chief, Gynecologic Radiation Oncology Service Chief, Quality Officer Stereotactic Radiation Oncology Service Head and Neck Radiation Oncology Service Brachytherapy Service GI and Lung Service CNS Radiation Oncology Service/ UCLA Brain Tumor Program	2017 – 2019
Assistant Clinical Professor	David Geffen School of Medicine at UCLA Department of Radiation Oncology Chief, Westwood Breast Radiation Oncology Service Chief, Lymphoma Radiation Oncology Service Chief, Total Body Radiation Service Chief, Gynecologic Radiation Oncology Service Chief, Quality Officer Chief, Head and Neck Radiation Oncology Service 2009-2011 Head and Neck Radiation Oncology Service Brachytherapy Service Stereotactic Radiation Oncology Service GI and Lung Service CNS Radiation Oncology Service/ UCLA Brain Tumor Program	2009 – 2017
Medical Director	Providence Holy Cross Cancer Center Mission Hills and Santa Clarita, CA	2009 – 2012
Medical Director	Children’s Hospital Los Angeles Los Angeles, CA	2008 – 2009

Radiation Oncologist	Children's Hospital Los Angeles Los Angeles, CA	2009 – 2014
Radiation Oncologist	Cedars Sinai Medical Department of Radiation Oncology/Gamma Knife Los Angeles, CA	2006 – 2007
Medical Director & Gamma Knife Director	Good Samaritan Hospital Los Angeles, CA	2002 – 2006
Medical Director	Valley Radiotherapy Associates Los Angeles, CA	2000 – 2006
Radiation Oncologist	Western Tumor Medical Group Van Nuys, CA	1995 – 2000

Education

B.S.	Michigan State University East Lansing, MI	1982 – 1986
M.D.	Wayne State University School of Medicine Detroit, MI	1986 – 1990

Post-Graduate Training

Internship	Rotating Medical/Surgical, William Beaumont Hospital Royal Oak, MI	1990 – 1991
Residency	Radiation Oncology, William Beaumont Hospital Royal Oak, MI	1991 – 1994
	Chief Resident Radiation Oncology, William Beaumont Hospital Royal Oak, MI	1994 – 1995

Board Certifications

Diplomat American Board of Radiology (Therapeutic Radiology, Initial Cert.)	1995
Diplomat American Board of Radiology (Radiation Oncology, Recertification)	2005, 2014

Honors/Awards

Alpha Omega Alpha (AOA), Wayne State University School of Medicine	1988
Top Doctor Award Castle Connelly	2018-19
Super Doctor Award	2018

Professional Activities

- David Geffen School of Medicine at UCLA, Department of Radiation Oncology**
Member, Quality and Safety Oversight Committee, 2011 – 2019
Chair, Quality and Safety Oversight Committee, 2013 – 2019
Chair, Weekly Quality Meeting, 2014- 2019
Member, Clinical Voluntary Faculty Appointments and Promotions, 2011 – 2019
Member, Residency Selection Committee, 2012 – 2019
Member, Physics Residency Selection Committee, 2012 – 2019
Member, Medical Executive Committee, 2016 – 2019
- David Geffen School of Medicine at UCLA**
Member, UCLA Medical Center Quality Measurement and Improvement Committee, 2012 – 2019
Member, UCLA Jonsson Comprehensive Cancer Center, 2014 – 2019
- American Society for Therapeutic Radiology & Oncology (ASTRO)**
Member, 1995 - Present
Member, HPC (formerly HPEC) Code Utilization & Application. Committee, 2011 – 2014
Member, Multidisciplinary Quality Assurance Subcommittee, 2014 – 2017
Vice Chair, Multidisciplinary Quality Assurance Subcommittee, 2017 – 2019
Chair, Multidisciplinary Quality Assurance Subcommittee 2019
- American Brachytherapy Society (ABS)**
Member, 1995
- William Beaumont Hospital, Royal Oak MI**
Member, Research Institute Board of Governors, 1994 – 1995
- Good Samaritan Hospital, Los Angeles CA**
Member, IRB/Medical Executive Committee, 2002
Member, Medical Executive Committee, 2003 – 2005
- Providence Holy Cross Medical Center, Los Angeles CA**
Member, IRB, 2011-2012

Lectures and Presentations

"Practical Application of Mammographic Findings with Breast Conserving Therapy." Presented at the Michigan Society of Therapeutic Radiologists Resident Research Competition, Novi, MI. June 1993.

"Practical Application of Mammographic Findings with Breast Conserving Therapy." Presented at the 23rd Annual Residents' and Fellows' Research Forum, William Beaumont Hospital, Royal Oak, MI. June 1993.

"The Value of Mammographic and Pathologic Findings in Predicting the Adequacy of Tumor Excision Prior to Radiotherapy in Breast Cancer Patients Treated With Breast Conserving Therapy." Presented at the 79th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL. November 1993.

"Ductal Carcinoma in situ (DCIS) of the Breast: Can Mammographic and Pathologic Findings Predict the Adequacy of Tumor Excision in Patients Considered for Breast Conserving Therapy." Presented at the Michigan Society of Therapeutic Radiologists Resident Research Competition, Novi MI. June 1994.

"Ductal Carcinoma in situ (DCIS) of the Breast: Can Mammographic and Pathologic Findings Predict the Adequacy of Tumor Excision in Patients Considered for Breast Conserving Therapy." Presented at the 23rd Annual Residents' and Fellows' Research Forum, William Beaumont Hospital, Royal Oak, MI. June 1994.

"Practical Application of Mammographic Findings with Breast Conserving Therapy." Presented at the 80th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL. November 1994.

"The Mammographic Prediction of an Extensive Intraductal Component in Early Stage Breast Cancer Patients Undergoing Breast Conserving Therapy." Presented at the Society of Breast Imaging, Orlando, FL. May 1995.

"Treatment of Primary and Recurrent Cancer of the Head and Neck with Combination of Iridium Implant and Hyperthermia." Presented at The American Brachytherapy Society, West Palm Beach, FL. May 1997.

"Biochemical Control and Complications after Iridium-192 Perineal Implant and External Beam Radiotherapy for Various Stage Prostate Cancer." Presented at The American Brachytherapy Society, West Palm Beach, FL. May 1997.

"Latest Advances in Radiation Therapy for Breast Cancer" Presented at the Well Women's Health Conference—Los Angeles, CA. September 13, 2003.

"Newer Techniques of Radiation Therapy in the Treatment of Pancreaticobiliary Tumors (Do New Toys Make a Difference)?" Presented at the Pancreatic and Biliary Cancer Conference-Good Samaritan Hospital, Los Angeles, CA. April 24, 2004

"Brachytherapy for Prostate Cancer." Presented at the 2004 Annual Clinical Assembly of Osteopathic Specialists. Oct 2, 2004.

"New Advances in Radiation Therapy for Prostate Cancer." Presented at Karmonos Cancer Center/Wayne State University, West Bloomfield, MI. May 6, 2007

"Mitigating Toxicities Associated with Treatment of Head and Neck Malignancies." Presented at the Cytoprotection Institute for Education, Commerce, CA. May 15, 2007

Invited Speaker – "UCLA Experience, with Focus on Developing Metrics and Using RO-ILS". AAPM 57th Annual Meeting & Exhibition, Anaheim, CA. July 12-16, 2015

Invited Speaker – "UCLA Clinical Experience with MRI-guided Adaptive Radiotherapy: Stereotactic Body Radiotherapy (SBRT)/Stereotactic Ablative Radiotherapy (SABR) for Abdominal Tumors and Accelerated Partial Breast Radiotherapy (APBR) for Breast Cancer", Radiosurgery Society. National Webinar April 21, 2016

Invited speaker – "RO-ILS and APEx: Instruments for Quality Improvement" American Society for Therapeutic Radiation Oncology (ASTRO). Boston, MA. September 27, 2016

Invited Speaker – “RO-ILS User Meeting.” American Society for Therapeutic Radiation Oncology (ASTRO). Boston, MA. September 24, 2016

Invited Speaker – “Orbital Lymphoma”. UCLA Orbital Center Master’s Symposium & Dissection Workshop. UCLA, Los Angeles, CA. February 24, 2018

Invited Speaker – “Radiation Therapy as a New Old Option for Ovarian Cancer”; OncLive 2018 State of the Science: Treatment of Ovarian Cancer. Santa Monica, CA. May 24, 2018

Invited Speaker – “The Critical Role Physicians Need to Play to Enhance Multidisciplinary Learning”. American Society for Therapeutic Radiation Oncology (ASTRO). San Antonio, Texas. October 22, 2018.

Bibliography and Publications

A. RESEARCH PAPERS

1. **Beron P**, Martinez A, Wimbish K, Levine A, Ingold J, Pettinga J, Benitez P, Gustafson G, Vicini F “Pathologic and Mammographic Findings Predicting the Adequacy of Tumor Excision Before Breast-Conserving Therapy.” *AJR*:167, December 1997, 1409-1414.
2. Silverstein MJ, **Beron P.**, and Lewinsky B. “Breast-Conserving Therapy for Ductal Carcinoma in Situ: The Van Nuys Experience with Excision Plus Radiation Therapy”. *The Breast Journal*, Volume 3, Supplement 1, 1997, 1-6.
3. Silverstein MJ, Lagios MD, Martino S, Lewinsky BS, Craig PH, **Beron P**, Gamagami P, Waisman JR “Outcome after Invasive Local Recurrence in Patients with Ductal Carcinoma in Situ of the Breast”. *Journal of Clinical Oncology*, 16, no.4 (April 1998) 1367-73.
4. Walling AM, Wenger NS, Kaprealian T, Kupelian P, McCloskey S, King C, **Beron P**, Steinberg M. “Considerations for Quality Improvement in Radiation Oncology Therapy for Patients with Uncomplicated Painful Bone Metastasis.” *Journal of Palliative Medicine* Volume 20, Number 5, 2017.
5. Anne M. Walling, Phillip Beron, Neil Wenger, Patrick Kupelian, Tania Betty Kaprealian, Susan Ann McCloskey, Christopher R. King, and Michael L. Steinberg. A provider-based quality improvement intervention aimed at improving appropriateness of radiation therapy regimens for patients with advanced cancer and painful bone metastases. *Journal of Clinical Oncology* 2016 34:26_suppl, 176-176
6. Likhacheva AO, Devlin PM, Shirvani SM, Barker CA, **Beron P**, Bhatnagar A, Doggett SW, Hochman L, Hsu C, Kasper M, Keisch M, Mutyala S, Prestidge B, Rodriguez Villalba S, Shukla V, Sundararaman S, Kamrava M. “Skin Surface Brachytherapy: A Survey of Contemporary Practice Patterns”. *Brachytherapy*. 2017 Jan - Feb;16(1):223-22
7. Allen M Chen MD; Carol Felix; Pin-Chieh Wang, PhD; Sophia Hsu, RN; Vincent Basehart; Jordan Garst; **Phillip Beron, MD**; Deborah Wong, MD; Michael Rosove, MD; Shyam Rao, MD; Heather Melanson; Edward Kim, MD; Daphne Palmer, MD; Lihong Qi, PhD; Karen Kelly, MD; Michael L Steinberg, MD; Patrick A Kupelian, MD; Megan E Daly, MD. Reduced-dose radiotherapy for human papillomavirus-associated squamous-cell carcinoma of the oropharynx: a single-arm, phase 2 study. *The Lancet Oncology*, April 20, 2017.

8. Velez MA, Veruttipong D, Wang PC, Chin R, **Beron P**, Abemayor E, St John M, Chen AM. Re-irradiation for recurrent and second primary cancers of the head and neck. *Oral Oncol.* 2017 Apr; 67:46-51.
9. Chen AM, Chin R, **Beron P**, Yoshizaki T, Mikaelian AG, Cao M. Inadequate Target Volume Delineation and Local-regional Recurrence after Intensity-Modulated Radiotherapy for Human Papillomavirus-Positive Oropharynx Cancer. *Radiother Oncol.* 2017 Jun;123(3):412-418.
10. Chen AM, Hsu S, Meshman J, Chin R, **Beron P**, Abemayor E, St John M. Effect of daily fraction size on laryngoesophageal dysfunction after chemoradiation for squamous cell carcinomas of the larynx and hypopharynx. *Head Neck.* 2017 Jul; 39(7):1322-1326.
11. Allen M. Chen MD, Taeko Yoshizaki CMD, Pin-Chieh Wang PhD, Darlene Veruttipong MPH, **Phillip J. Beron MD**, Robert Chin MD, PhD, Argin G. Mikaelian BS, Minsong Cao PhD. Hazards of Sparing the Ipsilateral Parotid Gland in the Node-Positive Neck with Intensity Modulated Radiation Therapy: Spatial Analysis of Regional Recurrence Risk. *Advances in Radiation Oncology.* 2017 Dec 14;3(2):111-120.
12. Maria A. Velez, Pin-Chieh Wang, Sophia Hsu, Robert Chin, **Phillip Beron**, Elliot Abemayor, Maie St. John, Allen M. Chen. Prognostic Significance of HPV Status in the Re-irradiation of Recurrent and Second Primary Cancers of the Head and Neck. *American Journal of Otolaryngology.* Volume 39, Issue 3, May 2018, 257 – 260.
13. Focal Multimodality Radiation Therapy: A Promising Treatment for Recalcitrant Darier Disease. Rodriguez LM, Kazemi T, Cheng CE, Kang JJ, **Beron PJ**, Kozma BD, Gee SN. *Dermatol Ther.* 2018 Jul;31(4):e12641
14. Recent Advances in Gynecologic Radiation Oncology Venkat PS, Parikh N, **Beron P**. *Curr Opin Obstet Gynecol.* 2019 Feb;31(1):38-42
15. Parikh NR, Beron P. Age Old Recurrence Meets Modern Radiation Kitchen Sink. *Int J Radiat Oncol Biol Phys.* 2019 Nov 1;105(3):474-475.

B. BOOK CHAPTERS

1. **Beron, P.**, Lewinsky, B., and Silverstein, M J. “Breast-Conserving Therapy for Ductal Carcinoma in Situ: The Van Nuys Experience with Excision Plus Radiation Therapy.” *Ductal Carcinoma In-Situ.* Ed: Silverstein M J. Baltimore: Williams and Wilkins, 1997, 405-410.
2. Anna Likhacheva, Phillip M Devlin, MD; Shervin M Shirvani, MD MPH; Christopher A Barker , MD; Michael Kasper, MD; **Phillip Beron , MD**; Ajay Bhatnagar, MD MBA; Stephen W Doggett, MD; Lawrence Hochman, DO; Charles Hsu, MD PhD; Martin Keisch , MD; Subhakar Mutyala, MD; Bradley Prestidge, MD, MS; Silvia Rodriguez Villalba, MD, PhD; Vershalee Shukla, MD; Srinath Sundararaman , MD; Mitchell Kamrava, MD “Skin Surface Brachytherapy: A Survey of Contemporary Practice Patterns”. *Handbook of Image-Guided Brachytherapy*, 978-3-319-44825-1, 337908_1_En, (15)
3. Oscar E. Streeter, Prashant Natarajan, **Phillip Beron** “Precision Medicine: Genomic Profiles to Individualize Therapy”. *Otolaryngologic Clinics of North America: Multidisciplinary Approach to Head and Neck Cancer.* 2017

D. ABSTRACTS

Levin-Epstein R, Wang J, Tenn S, Selch M, DeSalles A, Pouratian N, McCloskey S, Kupelian P, Steinberg M, Yang I, **Beron P**, Kaprealian T. “Stereotactic Radiation Therapy Demonstrates Improved Tumor Control Versus Whole Brain Radiotherapy in Breast Cancer Brain Metastasis for All Receptor Subtypes.” *Poster Presentation ASTRO, San Francisco, September 2014.*

Walling AM, Wenger NS, Kaprealian T, Kupelian P, McCloskey S, King C, **Beron P**, Steinberg M. Considerations for Quality Improvement in Radiation Oncology Therapy for Patients with Uncomplicated Painful Bone Metastasis.” *Poster Presentation, AAHPM/ASCO/ASTRO Palliative Care in Oncology Symposium, Boston, October 2014.*

Beron, P, “UCLA Experience, with Focus On Developing Metrics and Using RO-ILS”. *Med. Phys.*, 42: 3601-3602. 2015

Walling AM, Wenger NS, Kaprealian T, Kupelian P, McCloskey S, King C, **Beron P**, Steinberg M. Considerations for Quality Improvement in Radiation Oncology Therapy for Patients with Uncomplicated Painful Bone Metastasis.” *Poster Presentation, The Annual Assembly of the American Academy of Hospice and Palliative Medicine and the Hospice and Palliative Nurses Association (AAHPM & HPNA) Annual Assembly, Philadelphia, February 2015.*

Levin-Epstein R, Wang J, Tenn S, Selch M, DeSalles A, Pouratian N, McCloskey S, Kupelian P, Steinberg M, Yang I, **Beron P**, Kaprealian T. Younger age but not receptor status may predispose to radiation necrosis after radiation therapy for breast cancer brain metastasis. *Poster Presentation ASTRO, San Antonio, October 2015.*

Phillip Beron, Oscar Streeter, Jr., Cyrus Rafie, Sean Devlin, Nasha Winters, Eric Landau, Mitchell Kamrava. Early Experience Applying Ultrasound-Generated Regional Hyperthermia and Radiation Therapy to Oligometastases in the Abdomen and Pelvis., *Poster Presentation 12th Int. Congress of Hyperthermic Oncology, New Orleans, Louisiana. April 13-14, 2016*

Yang L, **Beron P**, Low D, Lee P, Ruan D, Chin R, Kaprealian T, Kamrava M, Kupelian P, Steinberg M, Agazaryan N, Chen A, Qi S, Rey S. An Alternative Patient Alignment Tool on TomoTherapy: The First In-human Megavoltage-Topogram Acquisition. *Poster Presentation ASTRO. Boston MA. 2016*

Yang L, Low D, Lee P, Ruan D, Chin R, Kaprealian T, Kamrava M, Kupelian P, **Beron P**, Steinberg M, Chen A, Agazaryan N, Rey S., Qi X. An Alternative Patient Alignment Tool on TomoTherapy: The First In-human Megavoltage-Topogram Acquisition. *Med. Phys.*, 43: 3449 – 3450. 2016

Walling AM, Wenger NS, Kaprealian T, Kupelian P, McCloskey S, King C, **Beron P**, Steinberg M. A provider-based quality improvement intervention aimed at improving appropriateness of radiation therapy regimens for patients with advanced cancer and painful bone metastases. *Poster Presentation 2016 Palliative Care in Oncology Symposium. San Francisco CA. 2016*

Anne M. Walling, **Phillip Beron**, Neil Wenger, Patrick Kupelian, Tania Betty Kaprealian, Susan Ann McCloskey, Christopher R. King, and Michael L. Steinberg. “A Provider-Based Quality Improvement Intervention Aimed at Improving Appropriateness of Radiation Therapy Regimens for Patients with Advanced Cancer and Painful Bone Metastases”. *Journal of Clinical Oncology.* 34:26_suppl, 176. 2016

AM Chen, C Felix, J Wang, V Basehart, D Wong, M Rosove, **PJ Beron**, SD Rao, H Melanson, D Palmer, K Kelly, ML Steinberg, PA Kupelian, ME Daly. “Phase 2 Trial of Induction Chemotherapy Followed by

Attenuated Chemoradiation Therapy for Human Papillomavirus – Positive Locally Advanced Squamous Cell Carcinoma of the Oropharynx”. *International Journal of Radiation Oncology – Biology – Physics*, Volume 96, Issue 2, S118. 2016

Santhanam A, Min Y, **Beron P**, Agazaryan N, Kupelian P, and Low D. “On the Automatic Recognition of Patient Safety Hazards in a Radiotherapy Setup Using a Novel 3D Camera System and a Deep Learning Framework. *Med Phys.*, 43: 3334 – 3335. 2016

Rebecca Levin-Epstein, Pin-Chieh Wang, Stephen Tenn, Michael Selch, Antonio De Salles, Nader Pouratian, Susan McCloskey, Patrick Kupelian, Michael Steinberg, Isaac Yang, **Phillip Beron**, Tania Kaprealian. “Radiation Therapy in the Management of Breast Cancer Brain Metastases: The Impact of Receptor Status on Treatment Response, Intracranial Recurrence, and Survival”. *Journal of Radiation Oncology*, Volume 5, Issue 4, 401 – 409. 2016

Allen M Chen, **Phillip J Beron**, Deborah Wong, Michael H Rosove, Shyam D Rao, Michael L Steinberg, Patrick A Kupelian, Megan E Daly. Prospective Radiotherapy for Patients with Oropharyngeal Carcinoma – Authors’ reply – *The Lancet Oncology*, Volume 18, Issue 8, e426. 2017

Y Yang; M Cao; S Rashid; F Han; Y Gao; J Lamb; **P Beron**; P Lee; D Low; P Hu. Cardiac BSSFP Cine MRI for MR Guided Radiation Therapy of Centrally Located Thoracic Tumors. *Medical Physics*. 44(6):3155. June 2017

R Van Dams, **PJ Beron**, N Agazaryan, A Mikaeilian, PA, Kupelian, M Cao, SE Tenn, ML Steinberg, AU Kishan. “Creation of an Electronic Task Workflow for Timely Chart Review”. *International Journal of Radiation Oncology • Biology • Physics*, November 2018, Volume 102, Issue 3, e465.

C Wang, AU Kishan, A Raldow, **PJ Beron**, DJ Wong, M St. John, ML Steinberg, RK Chin. “Addition of Chemotherapy is Associated with a Survival Detriment for Early Stage (T1 – 2N0M0) Glottic Squamous Cell Carcinoma Treated with Definitive Radiation Therapy. *International Journal of Radiation Oncology – Biology – Physics*, Volume 100, Issue 5, 1330. 2018

E. RESEARCH

Primary Investigator – “Ly2157299 Monohydrate (LY2157299) and Radiotherapy in Metastatic Breast Cancer.” UCLA

Lead Researcher – Radiation Oncology Incident Learning System Database- UCLA

Co-Investigator – A Safety and Efficacy Study of Intra-Operative Radiation Therapy (IORT) Using the Xofigo Axxent eBx System at the Time of Breast Conservation Surgery for Early Stage Breast Cancer- UCLA

Co-Investigator – Germ Line Mutations Registry - An Investigation of the Role of Germ-line Mutations in Cancer Predisposition, Tumor Biology and Response to Treatment - UCLA

Co-Investigator – ViewRay – Assessing the Utility and Impact of Real-time MRI-Guided Radiation Therapy - UCLA

Co-Investigator – ViewRay Liver – Stereotactic Body Radiotherapy for Liver Metastases and Hepatocellular Carcinoma utilizing an MRI-guided Tri-60Co Teletherapy System - UCLA

Co-creator – Multidisciplinary (Radiation Oncology and Neurosurgery) brain metastasis database - UCLA

Co-Investigator – Hypo-Frac Sarcoma - Phase II study of 5-10 fraction regimen of 50 - 60 Gy for extremity sarcomas w/o chemotherapy - UCLA

Co-Investigator – Hypo-Frac Lung - Image-Guided Hypofractionated Radiotherapy with Stereotactic Boost Chemotherapy for Inoperable State II-III NSCLC - UCLA

Co-Investigator – PanCRS – Stanford - A Pancreatic Cancer Radiotherapy Study Group (PanCRS) Trial: A Randomized, Phase III Study Evaluating Modified FOLFIRINOX (mFFX) with or without Stereotactic Body Radiotherapy (SBRT) in the Treatment of Locally Advanced Pancreatic Cancer - UCLA

Co-Investigator – SBRT Prostate Low Risk – Hypo-fractionated Stereotactic Body Radiotherapy for Localized Prostate Cancer - UCLA

Co-Investigator - SBRT High Risk Prostate – Study of Stereotactic Body Radiotherapy (SBRT) for High-Risk Localized Prostate Cancer - UCLA