

Name: Blasi, Olivier, C			
EDUCATION			
Institution Name	Degree	Year Awarded	Field of Study
University of Wyoming	BS	2006	Physics and Mathematics
Louisiana State University	MS	2009	Medical Physics
POSTGRADUATE TRAINING			
Institution Name	Start & End Dates	Nature of Training	
ACADEMIC APPOINTMENTS			
Institution, Department	Start & End Dates	Position or Rank	
HOSPITAL and OTHER APPOINTMENTS			
Hospital, Clinical, Company etc.	Start & End Dates	Position or Title	
Mary Bird Perkins Cancer Center, Baton Rouge, LA	2007-2009	Research Assistant	
Mary Bird Perkins Cancer Center, Baton Rouge, LA	2009-2010	Junior Physicist	
Tacoma Valley Radiation Oncology Centers, Tacoma, WA	2010-2012	Clinical Medical Physicist	
Colorado Associates in Medical Physics, CO	2012-Present	Clinical Medical Physicist/Director of Commissioning	
CERTIFICATION, REGISTRATION and LICENSURE			
Granting Body	Specialty	Year Granted	Year of Next MOC
ABR	Therapeutic Radiological Physics	2013	2025
Colorado Dept of Public Health and Environment (CDPHE)	Registered Medical Physicist	2013	2024
New Mexico Qualified Expert in Medical Physics	Registered Medical Physicist	2022	2023
ACADEMIC SUPERVISION			
ROLES IN THE PROGRAM			
Commissioning and Stereotactic treatments			
CLINICAL RESPONSIBILITIES			
Director of Commissioning and oversight of commissioning projects			

Plan 2nd checks and chart checks			
LINAC quality assurance			
HDR quality assurance and planning			
Cyberknife stereotactic quality assurance and planning			
Nuclear medicine and radiation safety responsibilities (Y-90 and I-131 treatments)			
SCHOLARLY ACTIVITIES			
RESEARCH INTERESTS			
RESEARCH SUMMARY			
Type	Total		Last 5 years
Peer-reviewed papers in referred journals	3		1
Book chapters & conference proceedings	5		4
Published Abstracts	5		4
Presentations at national/international conferences	5		3
RESEARCH FUNDING SUPPORT			
Source of Funding	Title of Research Grant	Dates of Support	Funding Amount

LIST OF SELECTED PUBLICATIONS – Reverse Chronological Order

1. “Preliminary comparison of helical tomotherapy and mixed beams of unmodulated electrons and intensity modulated radiation therapy for treating superficial cancers of the parotid gland and nasal cavity”, O. Blasi, J. Fontenot, R Fields, J. Gibbons and K. Hogstrom, Radiation Oncology 2011, 6:178. [https:// www.ncbi.nlm.nih.gov/pubmed/22204477](https://www.ncbi.nlm.nih.gov/pubmed/22204477)
2. ASTRO 2012 Annual Meeting, R-04 Stereotactic treatments, "A Method to Objectively Evaluate Stereotactic Radiation Surgery (SRS) Treatments of Essential Tremor Patients", International Journal of Radiation Oncology * Biology * Physics - 1 November 2012 (Vol. 84, Issue 3, Supplement, Page S815, [http:// www.redjournal.org/article/S0360- 3016\(12\)03125-2/abstract](http://www.redjournal.org/article/S0360-3016(12)03125-2/abstract)
3. Peddada A, Blasi O, White G, Monroe A, Jennings S, Gibbs G. Prevention of needle displacement in multifraction high-dose-rate prostate brachytherapy: A prospective volumetric analysis and technical considerations. Practical Radiation Oncology. 2014. <https://www.ncbi.nlm.nih.gov/pubmed/25543199>
4. Radiosurgery Society Meeting 2016, Poster Presentation, McCullough K, Blasi O. “Strategic Planning of Multiple Brain Targets Using Robotic Radiosurgery”
5. AAPM 2017 Annual Meeting, Poster Presentation SUI-GPD-T-04, “Improving I-131 Outpatient Safety Through Inpatient Data”, O Blasi, N Busse, C Frame [http://onlinelibrary.wiley.com/doi/10.1002/mp.12304/ full](http://onlinelibrary.wiley.com/doi/10.1002/mp.12304/full)
6. AAPM 2017 Annual Meeting, Poster Presentation SUI-GPD-T-562, “Poor Man’s Knowledge-Based Planning for Solitary SRS Brain and SBRT Lung Lesions”, O Blasi, K McCullough, K Lofton [http:// onlinelibrary.wiley.com/doi/10.1002/mp.12304/full](http://onlinelibrary.wiley.com/doi/10.1002/mp.12304/full)
7. “RIT and TG-135: Comprehensive CyberKnife® QA” McCullough, K. , Gibbs, G. , Blasi, O. and Ritt, D. (Feb 2018) Winter Institute of Medical Physics (WIMP), Breckenridge, CO. Poster paper.
8. Peddada AV, Anderson D, Blasi OC, McCollough K, Jennings SB, Monroe AT. Nephron-Sparing Robotic Radiosurgical Therapy for Primary Renal Cell Carcinoma: Single-Institution Experience and Review of the Literature. Adv Radiat Oncol. 2019;5(2):204-211. Published 2019 Oct 15. doi:10.1016/j.adro.2019.10.001

9. "Punctate Skin Treatment: An In-House Design" McCullough, K., Blasi, O. (Feb 2020) Winter Institute of Medical Physics (WIMP), Breckenridge, CO. Poster paper
10. Multi-Institutional Study to Demonstrate An Increase in Variability of Delivered Dose to Patients for SRS Treatments as a Result of Dosimetric Leaf Gap Parameter Tuning
11. A Santoso, O Blasi, R Popple, S Holmes, K Woods, Y Vinogradskiy, A Qureshi, C Antonakakis, J Jones, D Thomas, L Olsen