



## Audrey Rose Verde

- Affiliate, Dean's Office Operations - Dean Other
- Resident in Radiology

### Bio

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#### BIO

Audrey Verde, MD, PhD (she/her/hers) is a PGY4 radiology resident. She received her undergraduate degrees from North Carolina State University in Microbiology, Biochemistry, and Psychology. She then obtained her MD-PhD from the University of North Carolina at Chapel Hill, specializing in Neurobiology. For her Neurobiology PhD Dr. Verde was housed in a computer science laboratory, and assisted in developing a pipeline of tools to analyze diffusion weighted images, which she then used to perform DTI and quantitative tractography to investigate the episodic memory circuitry in cigarette smokers and nonsmokers. Dr. Verde continued at UNC Chapel Hill for an Internal Medicine intern year before joining the Stanford Radiology department for residency. During residency Dr. Verde has been involved in many projects spanning mentorship, diversity, advocacy, and informatics both within the Radiology Department, and within the Graduate Medical Education office. Dr. Verde was one of the founding members of the Radiology Diversity Trainee Committee, as well as the GME Diversity Committee. Within the GME Diversity Committee Dr. Verde is the Mentorship Chair, and through that position founded, and leads the Navigating Medicine Mentorship Program that aims to provide medical students with near peer resident mentors across all specialties, with a specific focus to uplift those who are underrepresented in medicine. Dr. Verde is also a mentor through the GME Women in Medicine Leadership Council, the First Generation Mentorship Program, and Stanford Women Association of Physician Scientists. Additionally, starting in the 2020-2021 academic year, Dr. Audrey Verde is the Radiology Specialty Career Advisor for the Stanford School of Medicine. Within informatics Dr. Verde has been an integral part of the Radiology IT Operations team assisting in selection, configuration, and testing of Sectra PACS for Stanford, as well as leading IT initiatives for the department. Dr. Verde will continue at Stanford for Neuroradiology Fellowship 2020-2022.

### Publications

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#### PUBLICATIONS

- **Aqueductal stenosis secondary to Whipple's disease.** *JBR-BTR : organe de la Societe royale belge de radiologie (SRBR) = orgaan van de Koninklijke Belgische Vereniging voor Radiologie (KBVR)*  
Chiang, F., Verde, A. R., Sossa, D. E., Sossa, D. G., Castillo, M.  
; 96 (6): 395
- **Transfusional iron overload presenting as choroid plexus hemosiderosis.** *JBR-BTR : organe de la Societe royale belge de radiologie (SRBR) = orgaan van de Koninklijke Belgische Vereniging voor Radiologie (KBVR)*  
Sossa, D. E., Chiang, F., Verde, A. R., Sossa, D. G., Castillo, M.  
; 96 (6): 391
- **Antenatal depression, treatment with selective serotonin reuptake inhibitors, and neonatal brain structure: A propensity-matched cohort study.** *Psychiatry research. Neuroimaging*  
Jha, S. C., Meltzer-Brody, S., Steiner, R. J., Cornea, E., Woolson, S., Ahn, M., Verde, A. R., Hamer, R. M., Zhu, H., Styner, M., Gilmore, J. H., Knickmeyer, R. C.  
2016; 253: 43-53
- **UNC-Utah NA-MICframework for DTI fiber tract analysis** *FRONTIERS IN NEUROINFORMATICS*  
Verde, A. R., Budin, F., Berger, J., Gupta, A., Farzinfar, M., Kaiser, A., Ahn, M., Johnson, H., Matsui, J., Hazlett, H. C., Sharma, A., Goodlett, C., Shi, et al

2014; 7: 51

- **Diffusion imaging quality control via entropy of principal direction distribution** *NEUROIMAGE*  
Farzinfar, M., Oguz, I., Smith, R. G., Verde, A. R., Dietrich, C., Gupta, A., Escolar, M. L., Piven, J., Pujol, S., Vachet, C., Gouttard, S., Gerig, G., Dager, et al  
2013; 82: 1–12
- **DTI Quality Control Assessment via Error Estimation From Monte Carlo Simulations**  
Farzinfar, M., Li, Y., Verde, A. R., Oguz, I., Gerig, G., Styner, M. A., Ourselin, S., Haynor, D. R.  
SPIE-INT SOC OPTICAL ENGINEERING.2013
- **Software-based Diffusion MR Human Brain Phantom for Evaluating Fiber-tracking Algorithms**  
Shi, Y., Roger, G., Vachet, C., Budin, F., Maltbie, E., Verde, A., Hoogstoel, M., Berger, J., Styner, M., Ourselin, S., Haynor, D. R.  
SPIE-INT SOC OPTICAL ENGINEERING.2013
- **UNC-Utah NA-MIC DTI framework: Atlas Based Fiber Tract Analysis with Application to a Study of Nicotine Smoking Addiction**  
Verde, A. R., Berger, J., Gupta, A., Farzinfar, M., Kaiser, A., Chanon, V. W., Boettiger, C., Johnson, H., Matsui, J., Sharma, A., Goodlett, C., Shi, Y., Zhu, et al  
SPIE-INT SOC OPTICAL ENGINEERING.2013
- **tRNA regulation of gene expression: Interactions of an mRNA 5'-UTR with a regulatory tRNA (vol 12, pg 1254, 2006)** *RNA-A PUBLICATION OF THE RNA SOCIETY*  
Nelson, A. R., Henkin, T. M., Agris, P. F.  
2006; 12 (8): 1601