

2020 Women for ATSU Awards Application	
TIMESTAMP	2/5/2020 8:11:54
PROJECT TITLE	IntraSpin System Centrifuge
FUNDING REQUEST	\$3,950
PROJECT BUDGET	\$4,000
MINIMUM FUNDING REQUESTED	#3,900
BRIEF PROJECT DESCRIPTION	<p>At the Advanced Education in General Dentistry (AEGD) Residency Program at ASDOH, we are offering state-of-the-art care to our underserved patient population, who are often medically compromised as well.</p> <p>We have fourteen residents and many dedicated faculty members who provide training and procedures, including bone grafting and surgical placement of implants. The grafting is essential to provide the foundation for a complete prosthetic restoration so the patient can function, speak, and smile again. The latest research has demonstrated that harvesting growth factors from the patient's own blood significantly improves healing and the overall success of the rehabilitation.</p> <p>The IntraSpin system centrifuge will allow for the harvesting of growth factors from the patient's own platelets, which will be placed in the surgical site to aid in healing. This process is much more cost effective than purchasing growth factors from a medical supplier and allows the care to be delivered at a more affordable price.</p>
EXPECTED OUTCOMES	The collection and processing of autologous blood will promote improved healing and success of the bone graft and dental implants, as well as less post-operative pain. The patient will therefore be able to proceed to a prosthetic reconstruction with increased long term success.

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DEAN'S APPROVAL	Yes