

# William C. Merritt, Ph.D.

Cell: +1 (949) 632-4101

[william.merritt@expostem.com](mailto:william.merritt@expostem.com)

## Personal Statement

---

Dr. Merritt has been involved in the development of regenerative therapies across the globe. He has founded and operates multiple companies in the biotechnology space and has assisted with the research, development, and commercialization of regenerative therapeutics, cosmetics, and medical devices.

Dr. Merritt holds positions at Orlando College of Osteopathic Medicine, Metropolitan University College of Medicine – Antigua, and Northern Arizona University. He has published multiple publications, authored textbook chapters on regenerative medicine, and has given several talks and lectures at scientific and medical conferences.

## Summary of Qualifications

---

- Regenerative medicine therapeutics
- Human tissue banking/processing
- Cosmetic formulation and manufacturing
- Clinical protocol development
- Liquid embolic agents
- Microcatheter delivery systems
- Aspiration catheters
- Crossing catheters
- Laboratory budgeting, establishment, and supervision
- R&D program management
- Operations scaling
- Project management and manufacturing forecasting
- Talent acquisition, training, and retention
- International supply chain and logistics management
- Domestic and international regulatory compliance
- *In vitro* and *in vivo* experimental design

## Positions

---

Year	Position	Employer
2020-present	Chief Operations Officer	Elevated Manufacturing/Skinventive, Flagstaff, AZ
2020-present	Operations Consultant	ExpoStem, Flagstaff, AZ
2019-present	VP of R&D	Anevas Technologies, Inc., Flagstaff, AZ
2020-2021	VP of Operations	Stem Cell Medical Centers, Ltd. St. John's, Antigua
2016-2021	R&D Consultant	Anevas Technologies, Inc., Flagstaff, AZ
2016-2020	Chief Operations Officer	Amnyo, LLC, Gilbert, AZ
2016-2018	Research Engineer	Development Engineering Sciences, Flagstaff, AZ

## Professional Achievements

---

- **Chief Operations Officer, *Skinventive*** (December 2020–present)
  - Established an R&D laboratory and manufacturing facility for the production of cosmetic products for skin and hair care containing advanced regenerative ingredients.
  - Scaled laboratory and manufacturing operations to facilitate the production of active ingredients enabling the production of over 750,000 units of finished product
- **Operations Consultant, *ExpoStem*** (January 2020–present)
  - Founded a consultancy firm to assist international clinics involved in regenerative therapies and medical tourism.
  - Developed clinical protocols and achieved regulatory approval for the investigation of novel therapeutics for clients.
  - Consulted with clients to help plan the establishment and expansion of international regenerative clinic and laboratory operations.
  - Established supply chain solutions for sensitive biologic materials to support international laboratory and clinical operations.
  - Created comprehensive proposals and budgets for a wide range of products and services ranging from complete laboratory and clinic build-outs to the procurement of ready-to-use

treatments.

- Fostered close relationships with partnering clinics and continued to monitor quality management, supply chain, and expansion of international clinic and laboratory operations.
- **VP of Research and Development, Aneuvus Technologies, Inc.** (September 2019—present)
  - Wrote and supported several grant applications that secured sufficient awards to develop ATI's neurovascular device pipeline
  - Managed and developed the existing products in ATI's neurovascular device pipeline (including NeuroCURE) and guided them towards commercialization.
  - Facilitated the successful completion of pre-clinical research for the NeuroCURE liquid embolic device for the treatment of large, wide-neck sidewall aneurysms
  - Performed and oversaw the creation of FDA regulatory submissions for NeuroCURE.
  - Invented and patented new neurovascular technologies for the treatment of ischemic stroke.
  - Oversaw the development and performance of industry sponsored research projects regarding aspiration thrombectomy and mechanical characterization of *in vitro* flow model materials/human tissue.
- **R&D Consultant, Aneuvus Technologies, Inc.** (March 2016—August 2021)
  - Spear-headed research and development on the NeuroCURE device for the embolization of intracranial aneurysms.
  - Translated academic research on a novel liquid embolic material into a clinical candidate for treatment of intracranial aneurysms (NeuroCURE device).
  - Determined the clinical suitability of NeuroCURE by developing and completing pre-clinical *in vivo* and *in vitro* testing.
- **VP of Operations, Stem Cell Medical Centers, Ltd.** (February 2020—August 2021)
  - Developed, implemented, and maintained a quality management system compliant with ISO 9001 and ISO 17025 for the testing, banking, compounding, and administration of birth tissue-derived mesenchymal stem cells.
  - Established and secured international supply chains for equipment, consumables, and cellular tissues to be delivered to Antigua and Barbuda.
  - Engaged with CROs and biotechnology companies to help establish SCMC as a clinical research site for emerging regenerative therapeutics.
  - Assisted the medical advisory board in developing regenerative medicine treatment protocols for a variety of medical indications.
  - Introduced new regenerative biotechnologies and integrated them into SCMC's research pipeline.
- **Chief Operations Officer, Amnyo, LLC** (December 2016—February 2020)
  - Founded a cGTP tissue processing laboratory that facilitated the production of over 10,000cc of amniotic fluid tissue allografts in its first year.
  - Established, implemented, and maintained a quality management system compliant with ISO 9001, and 21 CFR 1271 for the cGTP production, labeling, storage, and distribution of an amniotic fluid-based HCT/P.
  - Oversaw regulatory compliance, bookkeeping, payroll, employee management, supply chain, and quality assurance.

## **Education and Training**

---

PhD in Bioengineering – *Northern Arizona University*

Bachelor of Science in Mechanical Engineering; Minor in Chemistry – *Northern Arizona University*

Tissue Banking Specialist Certification – *American Association of Tissue Banks*