

Lowell A. Hughes MB. BS. (Hons) FRCS (Ed) FRCS (C)

Hughes Medical Centre
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Medical Education

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| 1994 | FRCS(C) Fellowship of the Royal College of Physicians and Surgeons of Canada. University of Toronto
Ontario, Canada |
| 1988 | FRCS(Ed) Fellowship of the Royal College of Surgeons
(Edinburgh) Glasgow, Scotland |
| 1978 – 1984 | MB.BS., Bachelor of Medicine, Bachelor of Surgery Faculty of Natural Sciences, University of the West Indies, (Cave Hill) Barbados and
(Mona) Jamaica |

Post Graduate Training

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| 1990 – 1994 | R3 Resident, Plastic Surgery
St. Michael's Hospital & Wellesley Hospital
University of Toronto, Ontario, Canada

R5 Resident, Plastic Surgery
Women's College Hospital
University of Toronto, Ontario, Canada |
| 1986 – 1988 | Resident, Accident and Emergency Medicine, General Surgery,
Orthopaedic Surgery and Plastic Surgery.
Queen Elizabeth Hospital, Barbados

Senior Resident, Plastic Surgery
Toronto Hospital (Western Division), Hospital for Sick Children and
Toronto General Hospital
University of Toronto, Ontario, Canada

Fellow, Craniofacial Surgery Hospital for Sick Children
University of Toronto, Ontario, Canada |

Board Certification & Licensure

- Board Certified General Surgeon
- Board Certified Plastic & Reconstructive Surgeon
- Anguilla Medical License
- Antigua Medical License
- Barbados Medical License
- St. Kitts Medical License
- St. Lucia Medical License

Professional Experience

- MD Alliance Hospital Inc. – Barbados
Visiting Consultant, MD (2018 – Present)
- Tapion Hospital ~ Castries, St. Lucia
Visiting Consultant, MD (1997 – Present)
- JN France Hospital – St. Kitts; Alexandra Hospital – Nevis
Visiting Consultant, MD (1996)
- Hughes Medical Centre – Anguilla, BWI
Plastic & Reconstructive Surgeon/Medical Director (1994 – Present)
- Princess Alexandra Hospital – Anguilla, BWI
Consultant Plastic Surgeon (1994 – Present)
- Cottage Hospital – Anguilla, BWI
Medical Officer/Surgeon (1988 – 1990)

Academic Awards

- Toronto Hospital Sophman Humanitarian Award. (1993)
- Hospital for Sick Children Research Institute Office of Clinic Research. Trainee's Start Up Award for the project: "Anatomic Distribution of the Deep Branch of the Ulnar Nerve Amongst the Interossei and Lumbricals". (1992)
- Medals in Obstetrics & Gynaecology, and Surgery. Queen Elizabeth Hospital, Barbados. (1984)
- British Development Scholarship to attend University of the West Indies. (1979)

Publications

- Human Immunodeficiency Virus Status in Facial Fracture Patients. (*Plast. Reconstr. Surg*; 91:577, April 1993; Lead Article).
- Patient Satisfaction with Reduction Mammoplasty: An Early Survey (*Aesthetic Plastic Surgery*; 17:345-349, 1993)
- Anatomic Basis of Local Muscle Flaps in the Lower Third of the Leg. (*Plst. Reconstr. Surg*; 92:1144, 1993)
- An Anomalous Leg Flexor Muscle. A Case Report. *Can. Plast. Surg*;1(1)50-51, 1993.
- Flexor Pollicis Longus Entrapment: A Case of Irreducible MP Dislocation. (*J. of Hand Surg*; 18B:708-709).
- Remote Acute Suppurative Tenosynovitis Secondary to Carpal Tunnel release under Local Anaesthesia. (*Can. J. Plast. Surg*; 1:95; 1993)
- Volar Metacarpophalangeal Joint Dislocation of the Little Finger. (*Can. J. Plast. Surg*; 1:3; 1993).
- An Atypical Cleft of the Palate: A Report. *CPCJ*: Vol 31, # 4, July 1994
- Normal Arborization of the Deep Branch of the Ulnar Nerve into the Interossei and Lumbricals. (*J. of Hand Surg*; Jan, 1995)
- Use of Fibrillar Polylactic Acid Homopolymer in Sheep Cranial Defects. (*j. of Craniofacial Surg*, Jan 1996)
- Post Breast Reduction Pain Syndrome. (*Plast. Reconstr. Surgery*; April 1999; Brief Communications)

Publications Presented at Conferences

Available on Request

Academic Assignments

- Management of Facial Fractures; Craniofacial Instruments. Toronto Western Hospital, Toronto (In Service for O.R. Nurses; 1992)
- Suturing Techniques for ER Physicians and GPs. Ontario Medical Association, Toronto (Demonstration; 1992)

Continuing Medical Education

- 2019 53rd Annual Baker Gordon Educational Symposium, Miami, Florida
- 2018 34th Annual Atlanta Breast Symposium, Atlanta, Georgia
- 2017 51st Annual Baker Gordon Educational Symposium, Miami, Florida
- 2015 49th Annual Baker Gordon Educational Symposium, Miami, Florida

- 2014 48th Annual Baker Gordon Educational Symposium, Miami, Florida
- 2013 29th Annual Atlanta Breast Symposium, Atlanta, Georgia
- 2012 46th Annual Baker Gordon Educational Symposium, Miami, Florida
- 2011 Caribbean Aesthetic Surgery Workshop, The Barbados Hilton, Barbados
- 2010 79th Annual American Society of Plastic Surgeons, Toronto, Canada
- 2009 7th Annual Scientific Conference, Caribbean College of Surgeons, St. Kitts
- 2008 42nd Annual Baker Gordon Educational Symposium, Miami, Florida
- 2007 5th Annual Caribbean College of Surgeons, Coconut Bay, St. Lucia
- 2006 Complications in Aesthetic Surgery Tobago Workshop, Tobago

Professional Organizations

- Anguilla Medical & Dental Association
- Canadian Society of Plastic & Reconstructive Surgeons ASAPs (International Correspondent)
- Royal College of Physicians and Surgeons of Canada (Fellow)
- Royal College of Surgeons (Ed); (Fellow)
- St. Lucia Medical & Dental Association
- University of the West Indies Alumni Medical Graduates

Patents

- Patent No. 11,298,375. *Halogenated Fullerene Functionalized as a Biocidal and Chemotactic Spermicide to Vaginally Harbor and Neutralize Spermatozoa for Use as a Safe and Effective Contraceptive*. Brady, et al. Issued: Apr. 12, 2022.
- Patent No. 11,452,288. *Innocuous Sterilant using Hemocyanin and Functionalized Fullerenes with Broad-Spectrum Intracellular and Interstitial Microbiocidal and Radical Scavenging Effects for Packaged Matter, Biologics and Organics including Liquids, Gases, Tissue, Organs, Cells, and Limbs with Copper Mediated Oxygenation for Viability and Preservation*. Brady, et al. Issued: Sept. 27, 2022.
- Patent No. 11,638,720. *Risk Mitigation of Infectious Disease Transmission from Incidental and Intimate Contact Using Atomic Scale Molecular Disruption and Biocidal Halo-fullerenes Delivery via Topical, Flushing and Enteral Mechanisms*. Brady, et al. Issued: May 2, 2023.
- Patent No. 11,653,984. *Unassisted Robotic Surgery Employing Paramagnetic Halo Metallofullerenes as Minimally Invasive, Precision Scalpels or Micronization Particles through Magnetic Field Manipulation and Targeted Exenteration Patterned by Programmed 3D Imaging Using Needle or Magnetic Energy Access and Microelectronic Semiconducting in Non-stationary Wafer-less Space*. Brady, et al. Issued: May 23, 2023.

- Patent No. 11,771,125. *Concentrated Nutritional or Supplemental Compound for Intestinal, Gut-Brain Axis and Neurobiological Homeostasis through Calibrated Absorption Including Neurotransmitter or Any Equilibrating Compound Release to Treat or Mitigate Disease and Co-morbidities, Particularly Obesity and Malnourishment*. Brady, et al. Issued: Oct. 3, 2023.
- Patent No. 11,813,363. *Concentrated Nutritional or Supplemental Compound for Intestinal, Gut-Brain Axis and Neurobiological Homeostasis through Calibrated Absorption Including Neurotransmitter or Any Equilibrating Compound Release to Treat or Mitigate Disease and Co-morbidities, Particularly Obesity and Malnourishment*. (Continuation-in-Part). Brady, et al. Issued: Nov. 14, 2023.

Patents Pending

- *Atomic Scale Topical Composition with Enhanced Interstitial Cellular Uptake for Increased Moisturizing, Fluidity, Antioxidant and Radiation Protection, Antimicrobial Cleansing and Therapeutics for Optimal Dermal Integrity and Homeostasis*. (#18/232,877) Filed: Aug. 11, 2023.
- *Customized Ear Compression Device for Keloid Management*. (#18/237,019) Filed: Aug. 23, 2023.
- *Broad-Spectrum Antimicrobial, Biocompatible and Preservative-Free Functionalized Fullerenes Ophthalmic Solution with Reactive Oxygen Species Scavenging and Advanced Targeting, Penetration, and Hydration*. (#18/374,342) Filed: Sept. 28, 2023.

Public Service

- FORCE (Focus On Redesigning Children's Education); (2018 – Present)
- Anguilla Literacy Development Project (2011)
- Health Authority of Anguilla Services and Restructuring Review Panel (2010)
- Health Authority of Anguilla Project Board (2005)

References

Available upon Request.