

## FELLOWSHIP IN DERMATOLOGIC SURGERY

### **Name of Institution:**

Carey Wang Centre for Dermatology and Dermatologic Surgery

**Location:** 4 Westmount Square, suite 100, Montreal, Quebec H3Z 2S6

### **Type of Fellowship:**

One-year clinical fellowship. The fellow will need to have recognized funding.

### **Program Information:**

- Number of fellowship positions requested: One
- Academic Affiliation: McGill University
- Name of hospitals involved in training: Royal Victoria Hospital - 20% and Carey Wang Centre for Dermatology and Dermatologic Surgery – 80
- Background: Dr. Carey has been running a fellowship program for the 20 years. He is a well known national and international speaker in the domain of dermatologic surgery.
- Research activity: Dr. Wayne Carey and Dr. Beatrice Wang are involved in many clinical trials for conditions such as acne, psoriasis, fungus and injectable (fillers)
- **Publications:**
  1. **W.D. Carey**, M. Prunieras: An improved method for establishment of skin melanoma cell lines from primary tumours. Brit. J. of Dermatol.1984; 110:265.
  2. **W.D. Carey**, M. Prunieras: An improved method for the establishment of cell lines from primary skin melanomas. Dermatology Digest, February 1985
  3. **W.D. Carey**: Bactroban: Efficacy and tolerance of a novel, new topical antibiotic vs. conventional systemic and topical treatment of primary and secondary skin infections.

Contemporary Dermatology, June/July 1987; pp. 32-39.

4. R.D. Wilkinson, **W.D. Carey**: A double blind study of topical mupirocin vs. Neosporin ointment in primary and secondary skin infections of the skin in the hospital environment. Int. J. of Derm., September 1988;27(7):514-515.
5. S. Brownstein, AD. Liszauer, **W.D. Carey**, D. Nicolle: Sarcoidosis of the eyelid skin. Can.Ophthalmol 1990; 25(5):256-259.
6. S. Maddin, 1. Arlette, **W.D. Carey**, N. Dore, D. Gratton, D.W. Groot: Treatment of chronic idiopathic urticaria. Canadian Journal of Dermatology, July/August 1991;3(4):147-152.
7. **W.D. Carey**: Chemical Peels: What they can do for your patients. North American Modern Medicine, February 1992; pp.3655-3657.
8. **W.D. Carey**: Micrografts: a promising new technique of hair transplantation. North American Modern Medicine, February 1992; p.3679.
9. **W.D. Carey**: Chemexfoliation and other cosmetic surgery. North American Modern Medicine.
10. **W.D. Carey**, La Chirurgie dermato-esthetique: pour sauver les apparences, Le Clinicien, September 1992, vol.7, no.9, pp.91-99.
11. **W.D. Carey**. Chemical Peeling as Adjuvant Therapy of Facial Neurotic Excoriations. Journal American Academy of Dermatology April 1994, vol.30, no.4, p.669-670
12. **W.D. Carey**, E. Goldstein. Discoid Lupus Erythematosus: Successful Treatment with Oral Methotrexate. Archives of Dermatology July 1994, vol. 130, no. 7, pp. 938-39.
13. D. Sasseville, **W. Carey**, M. Singer. Generalized Contact Dermatitis from acetarsone. Contact Dermatitis Journal, November 1995, vol.33, ppA31-32.
14. **W.D. Carey**. Le rajeunissement cutané: quand les patients veulent faire peau neuve. Le Clinicien April 1997, vol. 12, no. 4, pp. 151-157.
15. **W.D. Carey**, Pereira F, Burnier M, Wang B, Watters AK, Shibata H. Multiple nevoid malignant melanomas in an AIDS patient: The role of proliferating cell nuclear antigen in the diagnosis. Canadian Journal of Dermatology, July 1999, vol. 3, p. 25.

16. Adam J, Arlette J, Benohanian A, **Carey W**, Cloutier R, Danby W, Garnis-Jones S, Giroux J-M, Gratton D, Guenther L, Haydey R, Hull P, Lynde C, Maddin S, Murray A, Rosenthal D, Shear N. Intraconazole Pulse Therapy is Effective in Dermatophyte Onychomycosis of the Toenail: A Double-Blind Placebo-Controlled Study.
17. Tremblay JF, **Carey W**. Atrophic facial scars secondary to discoid lupus erythematosus: treatment using the Erbium: YAG laser. Dermatologic Surgery. 27(7):675-7, 2001 Jul.
18. Burnier PF, Burnier MN Jr., Shibata H, Wang B, **Carey W**. Cytomorphometric parameters and the metastatic potential of cutaneous and uveal melanoma: a comparison with prognostic factors. American Journal of Dermatopathology. 23(4):304-7, 2001 Aug. 2001.
19. Papp K, Bissonnette R, Krueger JG, **Carey W**, Gratton D, Gulliver WP, Lui H. Lui H, Lynde CW, Magee A, Minier D, Ouellet JP, Patel P, Shapiro J, Shear NH, Kramer S, Walicke P. Bauer R, Dedrick RL, Kim SS, White M, Garovoy MR. The treatment of moderate to severe psoriasis with a new anti-CD11a monoclonal antibody: JAAD. 45(5):665-74, November 2001
20. Rivers, JK, Arlette J, Shear N. Guenther L, **Carey W**, Poulin Y. Topical treatment of actinic keratoses with 3.0% diclofenac in 205% hyaluronal gel: British Journal of Dermatology. 146(1):94-100, January 2002.
21. Pereira F, **Carey W**, Shibata H, Burnier M, Wang B. Multiple nevoid malignant melanomas , in an AIDS patient: The role of PCNA in the diagnosis. Journal of the American Academy of Dermatology. 47(2 Suppl):S172-4, August 2002.
22. **Carey W**, Poulin Y, Roy M, Gilbert M. Le traitement par les immunomodulateurs topiques: Nouveaux développements. L'Actualité Médicale. May 2003.
23. Muhn C, Freiman A. Carey W. Moh's surgery: Is curettage and electrodesiccation a thing of the past ? Dermatology Rounds, Vol. 2(3), 2003 March.
24. Lui H, Langley R, Poulin Y, Gupta AK, **Carey W**. Incorporating biologics into the treatment of psoriasis. J Cutan Med. Surg. 8 suppl: 8-13. August 2004

25. Gupta AK, Langley R, Poulin Y, Lui H, Searles G, **Carey W**. Pathogenesis of psoriasis and current challenges. J Cutan Med. Surg. 8 suppl. 3-7. August 2004
26. Freiman A, Rosen N, Sasseville D, Wang B, **Carey W**, Muhn C. Dermatologic surgery practice and skin cancer treatment in Canada: results of a national surgery. Dermatologic Surgery 31 (1): 27-32. January 2005.
27. Freiman A, Rosen N, Sasseville D, Wang B, **Carey W**, Muhn C. Dermatologic survey practice and skin cancer treatment in Canada: results of a national survey. Dermatol Surg. 2005 Jan;31(1): 27-32; discussion
28. Carruthers A, **Carey W**, Gottlieb AB et al. Randomized, double-blind comparison of the efficacy of two hyaluronic acid derivatives, restylane perlane and hylaform, in the treatment of nasolabial folds. Dermatol Surg. 2005 Nov;31: 1591-88; discussion.
29. **Carey W** et al. Incidence of infections during Efalizumab therapy for psoriasis: Analysis of the clinical trial experience. Clinical Therapeutics. Vol. 27, no.9, 2005.
30. Poulin, Y, Papp K, **Carey W**, Gulliver W, Gupta A. Relapse, rebound, and psoriasis adverse events: An advisory group report. Journal of the American Academy of Dermatology, 2006 April;54 (4 Suppl 1); S171-181. Review
31. Poulin Y, Papp KA, **Carey W** et al. A favourable benefit/risk ratio with efalizumab: a review of clinical evidence. J Cutan Med Surg., 2009;9 Suppl 1: 10-17 Review.
32. Efficacy and safety observed during 24 weeks of Efalizumab therapy in patients with moderate to severe plaque psoriasis. Archives of Dermatology. 141(1): 31-8. January 2005.
33. Carey W. Deep Injection Technique May Prolong Results: Tri-site bolus technique treats an area often uncorrected after facelift or blepharoplasty. Skin and Allergy News. 36 (9): 25.
34. Carey W et al. A Favourable benefit/risk ratio with Efalizumab: A Review of the Clinical Evidence. Journal of Cutaneous Medicine and Surgery. Vol 9: 10-17 2006

35. Kynynetz, **W. Carey**, R. Thomas, D. Toth, S. Garnis-Jones, R. Vender, T. Trafforf. Quality of life in plaque psoriasis patients treated with ISA247: a phase III, randomized, multicenter, double-blind, placebo-controlled study. *British Journal Dermatology* (in press)

- Mission: The fellowship consists of a one year program which provides knowledge of cutaneous surgery including cosmetic procedures, the management and practical experience of all aspects of dermatologic surgery.

The fellow will develop surgical skills and have hands-one experience with advanced dermatological procedures such as Moh's surgery, complex skin flaps and grafts, complex nail surgery.

**Objectives of the Fellowship:**

***as Medical Expert***

1. Develop surgical skills and have hands-on experience with advanced dermatological procedures such as Mohs micrographic surgery, complex skin flaps and grafts, complex nail surgery.
2. Develop solid knowledge base of the use and complications of local anesthetics.
3. Gain proficiency in the appropriate use of anesthetic techniques such as infiltrative anesthesia, tumescence anesthesia, regional and peripheral nerve blocks.
4. Gain proficiency in the use of various sutures and other wound closure materials.
5. Develop skills in management of post-operative wounds and surgical complications.
6. Have more hands-on experience in cosmetic procedures such as hair transplantation, liposuction, blepharoplasty, chemical peels, laser dermabrasion, varicose veins injections.
7. Gain more experience in the use of various lasers such as IPL, CO2, hair removal lasers.

***as Communicator***

1. Communicate clearly but with empathy and sensitivity with patients regarding the serious nature of their skin conditions and the need for complex surgical procedures.

**as Collaborator**

1. Learn to work efficiently within a team in complex surgical cases with other health care professionals such as plastic surgeons, ophthalmologists, ENT surgeons, laboratory technicians and pathologists.

**as Scholar**

1. Teach junior residents and elective students/residents basic cutaneous surgical techniques.
  - Fellowship will enhance residency training:

The fellowship will provide expertise in both medical and surgical management of dermatology.

**Evaluations:**

- The fellows will be evaluated on their surgical skills as well as surgical knowledge every three months by both Dr. Carey and Dr. Wang.

Name of the Fellowship Program Director: Dr. Wayne Carey

Name of the Teaching Faculty: Dr. Wayne Carey and Dr. Beatrice Wang

- Summary of clinical practice: General dermatology, dermatologic and cosmetic surgery as well as various lasers.

**Academic Facilities:**

- Outline Facilities for Clinical and Academic Pursuit:

The fellow will spend most of time in our Westmount Square offices. The fellow will rotate through services such as plastic surgery and ophthalmology at the Royal Victoria Hospital.

- Multimedia learning materials available: The fellow will have access to the Royal Victoria Hospital Library for Dermatology books and journals.

**Fellow Duties and Responsibilities:**

- Call responsibility to cover service: No call will be required
- Include whether the fellow is the senior supervisor of residents: The fellow will be the senior supervisor of dermatology residents when working together in the same clinic.
- Outline whether there are fixed rotations at various institutions: There will be some fixed rotations in Plastic Surgery, Ophthalmology, Oncology and Laser clinic.
- Outpatient clinic and responsibilities: The fellow will attend daily general dermatology clinics and surgery clinics.
- Outline role of the fellow towards residents: The fellow will prepare a schedule of surgical lectures, find speakers as well as give some lectures to the dermatology residents in our program.
- Describe any support staff available to the fellow: Program Coordinator, Dr. Wayne Carey, Dr. Beatrice Wang, secretarial support and nurse/laser technician
- Proposed meeting to be attended by the fellow: American Academy of Dermatology, Pan American congress on Anti-aging and Aesthetic Medicine