

CURRICULUM VITAE

PERSONAL DATA

Name: Douglas R. Fullen
Citizenship/Visa Status: U.S. citizen

EDUCATION

9/79-5/82 Rochester Institute of Technology, Rochester, New York; B.S. (Medical Technology)
1/85-5/86 Emory University, Atlanta, Georgia; M.M.Sc. (Clinical Microbiology)
8/86-5/90 Emory University School of Medicine, Atlanta, Georgia; M.D.

POSTDOCTORAL TRAINING

6/90-6/91 Internship in Internal Medicine, University of Virginia Hospital, Charlottesville, Virginia
7/94-6/98 Residency in Anatomic and Clinical Pathology, University of Michigan Medical Center, Ann Arbor, Michigan
7/98-6/99 Dermatopathology Fellowship, The New York Hospital-Cornell University Weill Medical Center, New York, New York

ACADEMIC APPOINTMENTS

7/99-6/00 Assistant Professor, Department of Pathology, Albany Medical Center, Albany, New York
7/00-8/05 Assistant Professor, Department of Pathology, University of Michigan, Ann Arbor, Michigan
9/05- Associate Professor, Departments of Pathology and Dermatology, University of Michigan, Ann Arbor, Michigan

CONSULTING POSITIONS

None

SCIENTIFIC ACTIVITIES

Editorial Responsibilities

2007- Ad hoc reviewer, British Journal of Dermatology
2005- Ad hoc reviewer, Medical Science Monitor
2005- Ad hoc reviewer, Cancer
2004- Ad hoc reviewer, Archives of Pathology and Laboratory Medicine
2001- Ad hoc reviewer, Journal of Cutaneous Pathology
2000- Ad hoc reviewer, Journal of the American Academy of Dermatology

GRANT SUPPORT

None

RESEARCH ACTIVITIES

University of Michigan (UMMC 2000-0713): Molecular, biochemical, and cellular basis of melanoma and other melanocytic lesions: Tissue Bank, Timothy M. Johnson, M.D., Timothy S. Wang, M.D., Jennifer L. Schwartz, M.D., John J. Voorhees, M.D., Anj Dlugosz, M.D., Lori Lowe, M.D., Lyndon D. Su, M.D., Douglas R. Fullen, M.D., Carol Bradford, M.D., Vincent Cimmino, M.D.

Patient Examination with MelaFind™ system developed by Electro-Optical Sciences, Inc, (EOS), 2001 Jennifer L. Schwartz, M.D., Timothy M. Johnson, M.D., Timothy S. Wang, M.D., Darius J. Karimipour, M.D., Jeffrey S. Orringer, M.D., Lori Lowe, M.D., Lyndon D. Su, M.D., Douglas R. Fullen, M.D., Christopher Bichakjian, M.D., Mitzi Rabe, R.N.

Multicenter Selective Lymphadenopathy Trial II (MSLT-II): a phase III multicenter randomized trial of sentinel lymphadenectomy and complete lymph node dissection versus sentinel lymphadenectomy alone in cutaneous melanoma patients with molecular or histopathological evidence of metastases in the sentinel node. Michael Sabel, MD (principle investigator), Douglas R. Fullen, MD (co-investigator)

CERTIFICATION AND LICENSURE*Medical Licensure*

1992 Permanent Physician License, State of New York
1995 Permanent Physician License, State of Michigan

Certification

1991 National Board of Medical Examiners Diplomate
1998 National Board of Medical Examiners Diplomate
1998 American Board of Pathology, AP/CP Diplomate
1999 American Board of Pathology, Dermatopathology Diplomate

MILITARY SERVICE

1991-1993 Battalion Surgeon, 5th Battalion, 10th Marine Regiment, Camp Lejeune, North Carolina
1993 Marine Service Support Group Surgeon, 24th Marine Expeditionary Unit, Operation Restore Hope, Somalia, February-August
1993-1994 Regimental Surgeon, 10th Marine Regiment, Camp Lejeune, North Carolina

HONORS AND AWARDS

1987 Armed Forces Health Profession Scholarship Recipient
1988 Alpha Omega Alpha Honor Medical Society
1992 Navy Commendation Medal, Operation Restore Hope, Somalia

- 2002 William B. Taylor Senior Resident Teaching Award, Department of Dermatology
- 2006 Faculty Teaching Award, Department of Pathology

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

- 1996 American Society of Clinical Pathologists, Junior Member
- 1998 American Society of Dermatopathology, Fellow Member
- 1999 American Academy of Dermatology, Affiliate Member
- 2000 Michigan Dermatological Society
- 2003 Society for Melanoma Research, Founding Member
- 2006 United States and Canadian Academy of Pathologists, Regular Member

TEACHING ACTIVITIES

- 1994 Student Pathology Lab, Teaching Assistant, University of Michigan
- 1995 Medical Student Pathology Lab, Teaching Assistant, University of Michigan
- 1995-1998 Michigan Medical Student Pathology Lab, Teaching Assistant, University of Michigan
- 1998 Dermatology Grand Rounds two days per month, Cornell University
- 1999 Medical Student Dermatology/Dermatopathology Course, Cornell University
- 1999 Dermatology Resident Dermatopathology Conference, Albany Medical Center
- 2000 Dermatology Grand Rounds Conference, Albany Medical Center
- 2000 18th Annual Dermatology Teaching Day, Albany Medical Center
- 2000- Dermatology Diagnostic Conference, Department of Dermatology, University of Michigan
- 2000- Dermatology Resident Dermatopathology Conference, Departments of Pathology and Dermatology, University of Michigan.
- 2000- Anatomic Pathology Grand Rounds, Department of Pathology, University of Michigan

EXTRAMURAL INVITED PRESENTATIONS

- “S100 A6 expression in fibrohistiocytic lesions,” platform presentation, 36th Annual Meeting, American Society of Dermatopathology, La Jolla, CA, November, 1999.
- “The spectrum of melanocytic nevi,” invited lecture, Topics in Pathology and Laboratory Medicine, Veteran’s Administration Hospital, Ann Arbor, MI, November, 2000.
- “Impact of Pathology Reporting on Managing Patients with Lymphoproliferative Disorders Involving the Skin,” New Frontiers in Diagnostic Pathology, A. James French Society Meeting, Ann Arbor, MI, September, 2007.

COMMITTEE AND ADMINISTRATIVE SERVICE*University of Michigan*

- 1996 Hospital Transfusion Committee, Resident member
- 1996, 2002- University of Michigan Medical School Admissions Committee, Interviewer
- 2001- Department of Pathology Residency Program, Interviewer
- 2001- Member, Multidisciplinary Melanoma Program, University of Michigan, Ann Arbor, Michigan
- 2002- 2006 Director of Histology Laboratory, Department of Pathology, University of Michigan, Ann Arbor, Michigan.
- 2006- Director, Dermatopathology Fellowship Training Program, University of Michigan, Ann Arbor, Michigan
- 2006- Member, AP Project Funding Committee, Department of Pathology, University of Michigan, Ann Arbor, Michigan

National

- 2006- Member, Abstract Selection Committee for Dermatopathology Section, United States and Canadian Academy of Pathology

BIBLIOGRAPHY*Completed Publications in Scientific Journals**Peer-Reviewed Publications*

1. **Fullen DR**, Headington JT: Factor XIIIa-positive dermal dendritic cells and HLA-DR expression in radial versus vertical-growth phase melanomas. *J Cutan Pathol* 25: 553-558, 1998.
2. Judd WJ, **Fullen DR**, Steiner EA, Davenport R, Knafl PC: Revisiting the issue: Can the reading for serologic reactivity following 37C incubation be omitted? *Transfusion* 39: 295-299, 1999.
3. **Fullen DR**, Reed JA, Finnerty BF, McNutt NS: S100 A6 expression in fibrohistiocytic lesions. *J Cutan Pathol* 28: 229-34, 2001.
4. **Fullen DR**, Reed JA, Finnerty BF, McNutt NS: S100 A6 preferentially labels type C nevus cells and nevic corpuscles: additional support for Schwannian differentiation of intradermal nevi. *J Cutan Pathol* 28: 393-399, 2001.

5. Murphy M, **Fullen D**, Carlson JA: Low CD7 expression in benign and malignant cutaneous lymphocytic infiltrates: experience with an antibody reactive with paraffin-embedded tissue. *Am J Dermatopathol* 24: 6-16, 2002.
6. Su LD, **Fullen DR**, Lowe L, Uherova P, Schnitzer B, Valdez R: CD117 (KIT receptor) expression in Merkel cell carcinoma. *Am J Dermatopathol* 24: 289-293, 2002.
7. **Fullen DR**, Blobstein SH, McNutt NS: Asymptomatic pedunculated nodule on the leg of a 75 year-old man. *Arch Dermatol* 139: 93-98, 2003.
8. Su LD, **Fullen DR**, Sondak VK, Johnson TM, Lowe L: Sentinel lymph node biopsy for patients with problematic spitzoid melanocytic lesions: a report on 18 patients. *Cancer* 97: 499-507, 2003.
9. **Fullen DR**, Valdez R, Jacobson SN, Novice FM, Lowe L: Granuloma annulare-like infiltrates with concomitant involvement by B-cell non-Hodgkin's lymphoma: report of a case. *Am J Dermatopathol* 25: 57-61, 2003.
10. **Fullen DR**, Lowe L, Su LD: Antibody to S100 A6 is a sensitive immunohistochemical marker for neurothekeoma. *J Cutan Pathol* 30: 118-112, 2003.
11. Bogner PN, **Fullen DR**, Lowe L, Paulino A, Biermann JS, Sondak VK, Su LD: Lymphatic mapping and sentinel lymph node biopsy in the detection of early metastasis from seat gland carcinoma. *Cancer* 97: 2285-2289, 2003.
12. Cassarino DS, **Fullen DR**, Sondak VK, Duray PH: Metastatic nevoid melanoma in a 4 ½-year-old child. *J Cutan Pathol* 30: 647-651, 2003.
13. Su LD, **Fullen DR**, Lowe L, Wang TS, Schwartz JL, Cimmino VM, Sondak VK, Johnson TM: Desmoplastic and neurotropic melanoma. *Cancer* 100: 598-604, 2004.
14. Sturtz DE, Smith DJ, Calderon MS, **Fullen DR**: Giant folliculosebaceous cystic hamartoma of the upper extremity. *J Cutan Pathol* 31: 287-290, 2004.
15. Karimipour DF, Lowe L, Su L, Hamilton T, Sondak V, Johnson TM, **Fullen D**: Standard immunostains for melanoma in sentinel lymph node specimens: Which ones are most useful? *J Am Acad Dermatol* 50: 759-764, 2004.
16. Bogner PN, Su LD, **Fullen DR**: Cluster Designation 5 (CD5) staining of normal and non-lymphoid neoplastic skin. *J Cutan Pathol* 32: 50-54, 2005.

17. **Fullen DR**, Zhu W, Thomas D, Su LD: HTERT expression in melanocytic lesions: an immunohistochemical study on paraffin-embedded tissues. *J Cutan Pathol* 32: 680-684, 2005.
18. McHugh JB, **Fullen DR**: Atypical compound nevus arising in mature cystic ovarian teratoma. *Med Sci Monit*. 12: CS34-37, 2006.
19. Poynter JN, Elder JT, **Fullen DR**, Nair RP, Soengas M, Johnson TM, Redman B, Thomas N, Gruber SB: BRAF and NRAS mutations in melanoma and melanocytic nevi. *Melanoma Res* 16: 267-273, 2006.
20. **Fullen DR**, Poynter JN, Lowe L, Su LD, Elder JT, Nair RP, Johnson TM, Gruber SB: BRAF and NRAS mutations in spitzoid melanocytic lesions. *Mod Pathol* 19: 1324-1332, 2006.
21. Manoharan P, **Fullen D**, Avram A: Neutrophilic urticaria: whole-body (111)In-leukocyte scan and histological correlation. *Eur J Nucl Med and Mol Imaging* 33: 1523-1524, 2006.
22. Denoyelle C, Abou-Rjaily G, Bezrookove V, Verhaegen M, Johnson TM, **Fullen DR**, Poynter JN, Gruber SB, Su LD, Nikiforov MA, Kaufman RJ, Bastian BC, Soengas MS: Anti-oncogenic role of the endoplasmic reticulum differentially activated by mutations in the MAPK pathway. *Nat Cell Biol* 8: 1053-1063, 2006.
23. Kroon HM, Lowe L, Wong S, **Fullen D**, Su D, Cimmino V, Chang AE, Johnson T, Sabel MS: What is a sentinel node? Re-evaluating the 10% rule for sentinel lymph node biopsy in melanoma. *J Surg Oncol*. 95: 623-628, 2007.
24. Olsen SH, Su, LD, Thomas D, **Fullen DR**: Telomerase expression in sebaceous lesions of the skin. *J Cutan Pathol* 34: 386-391, 2007.
25. McHugh JB, **Fullen DR**, Ma L, Kleer CG, Su LD: Expression of polycomb group protein EZH2 in nevi and melanoma. *J Cutan Pathol* 34: 597-600, 2007.
26. Carvalho J, **Fullen D**, Lowe L, Su L, Ma L: The expression of CD23 in cutaneous non-lymphoid neoplasms. *J Cutan Pathol* 34: 693-698, 2007.
27. Simon NS, **Fullen DR**, Helfrich YR: Goosefleshlike lesions and hypohidrosis quiz case. *Arch Dermatol* 143: 1323-1328, 2007.
28. **Fullen DR**, Garrisi AJ, Sanders D, Thomas D: S100A6 expression in a spectrum of cutaneous tumors using tissue microarrays. *J Cutan Pathol* Jan 14 [Epub ahead of print], 2008.
29. Wasco M, **Fullen D**, Su L, Ma L: The expression of MUM1 in cutaneous T-cell lymphoproliferative disorders. *Human Pathol* 39: 557-563, 2008.

30. Zarkhin S, Skandamis GC, **Fullen DR**, Sachs DL: Violaceous purpuric plaques on the lower extremity. *Arch Dermatol* 144: 405-410, 2008.
31. Wu AJ, Rodgers T, **Fullen DR**: Drug-associated histiocytoid Sweet's syndrome: a true neutrophilic maturation arrest variant. *J Cutan Pathol* 35: 220-224, 2008.
32. Skandamis G, Frohm M, **Fullen DR**, Helfrich YR: Extensive flaccid bullae with milia. *Arch Dermatol* 144: 673-678, 2008.
33. Olsen SH, Ma L, Schnitzer B, **Fullen DR**. Clusterin expression in cutaneous CD30-positive lymphoproliferative disorders and their histologic simulants. *J Cutan Pathol* (in press).

Articles Submitted for Publication

1. Demirci H, Nelson CC, Frueh BR, Musch D, **Fullen DR**, Johnson TM. Management of periocular cutaneous melanoma with a staged excision technique and permanent sections: the "square procedure." Submitted for publication to *Archives of Ophthalmology*.
2. Quintana E, Shackleton M, **Fullen DR**, Johnson TM, Morrison SJ. Improved assay reveals that many human melanoma cells are tumorigenic. Submitted for publication to *Nature*.
3. Pouryazdanparast P, Yu L, Johnson TM, **Fullen D**. An unusual squamo-melanocytic tumor of uncertain biologic behavior: a variant of melanoma? Submitted for publication to the *American Journal of Dermatopathology*.

Chapters in Books

1. **Fullen DR**: Cysts and Sinuses. In: Busam KJ, Goldblum JR (eds): *Foundations in Diagnostic Pathology series (Dermatopathology)* (Philadelphia, PA: Elsevier, Inc.) (in press).
2. Haefner HK, Johnson TM, Rosamilia LL, **Fullen DR**: Pigmented lesions of the Vulva. In: (in press).

Abstracts, Preliminary Communications, Panel Discussion

1. **Fullen DR**, Headington JT: Factor XIIIa-positive dermal dendritic cells and HLA-DR expression in radial versus vertical-growth phase melanomas. Poster presentation, United States and Canadian Academy of Pathology, March, 1997.

2. Judd WJ, **Fullen DR**, Steiner EA, Davenport R, Knafl PC: Omitting the 37C reading. Platform presentation, American Association of Blood Banks, October, 1997.
3. **Fullen DR**, Reed JA, Finnerty BF, McNutt NS: S100 A6 preferentially labels type C nevus cells and nevic corpuscles: additional support for Schwannian differentiation of dermal nevi. Poster presentation, 37th Annual Meeting, American Society of Dermatopathology, Baltimore, MD, October, 2000.
4. **Fullen DR**, Lowe L, Su LD: Antibody to S100 A6 is a sensitive immunohistochemical marker for neurothekeoma. Poster presentation, 39th Annual Meeting, American Society of Dermatopathology, Phoenix, AZ, October, 2002.
5. Bogner P, Su L, **Fullen D**: Detection of CD5 by immunohistochemistry in cutaneous tumors of apocrine and eccrine origin. Poster presentation, 40th Annual Meeting, American Society of Dermatopathology, Chicago, IL, October, 2003.
6. Sturtz D, Smith DJ, Calderon M, **Fullen DR**: Giant folliculosebaceous cystic hamartoma of the upper extremity. Poster presentation, 40th Annual Meeting, American Society of Dermatopathology, Chicago, IL, October, 2003.
7. Zhu W, Su LD, **Fullen DR**: HTERT expression in melanocytic lesions: an immunohistochemical study on paraffin-embedded tissues. Poster presentation, 41st Annual Meeting, American Society of Dermatopathology, Boston, MA, October, 2004 (Dr. Zhu received an award and \$250.00 prize for best poster presentation by a resident or fellow-in-training).
8. **Fullen DR**, Lowe L: Epidermotropic mucinous adenocarcinoma arising at mucocutaneous stomal anastomosis site. Poster presentation, 41st Annual Meeting, American Society of Dermatopathology, Boston, MA, October, 2004.
9. McHugh JB, **Fullen DR**: Atypical compound nevus arising in mature cystic teratoma (dermoid cyst). Platform presentation, 41st Annual Meeting, American Society of Dermatopathology, Boston, MA, October, 2004.
10. Olsen S, Su, LD, Thomas D, **Fullen DR**: Telomerase expression in sebaceous lesions of the skin. Poster presentation, 42nd Annual Meeting, American Society of Dermatopathology, Seattle, WA, October, 2005.
11. Wu AJ, Thomas DG, **Fullen DR**, Lucas DR: Cluster Analysis of Immunohistochemical Profiles in Melanoma and MPNST: Phenotypic Continuum and Diagnostic Strategy. Poster presentation, United States and Canadian Academy of Pathology Meeting, Atlanta, GA, February, 2006.

12. Olsen S, Schnitzer B, **Fullen DR**: Clusterin immunohistochemical staining in lymphomatoid papulosis and other cutaneous lymphoid lesions. Poster presentation, 43rd Annual Meeting, American Society of Dermatopathology, Chicago, IL, October, 2006.
13. Carvalho J, **Fullen D**, Lowe L, Su L, Ma L. The expression of CD 23 in cutaneous nonlymphoid neoplasms. Platform presentation, 43rd Annual Meeting, American Society of Dermatopathology, Chicago, IL, October, 2006.
14. Wasco M, Olsen S, **Fullen D**, Ma L: Expression of MUM1 in cutaneous T-cell lymphomas. Poster presentation, 43rd Annual Meeting, American Society of Dermatopathology, Chicago, IL, October, 2006.
15. Simon NS, **Fullen DR**, Helfrich YR. Gooseflesh-like lesions and hypohidrosis in 15-year-old boy. Platform presentation, Gross & Microscopic Dermatology Symposium, 65th Annual Meeting, American Academy of Dermatology, Washington, DC, February, 2007.
16. Carvalho JP, **Fullen D**, Lowe L, Su L, Ma L. Diagnostic value of CD23 in Merkel cell carcinoma and small cell carcinoma. Poster presentation, United States and Canadian Academy of Pathology Meeting, LaJolla, CA, March, 2007.
17. Cooper LD, Chien A, Ma L, Ross CW, **Fullen DR**. CD30 Expression in large blastoid cells of a marginal zone lymphoma: a potential pitfall in the diagnosis of primary cutaneous CD30-positive T-cell lymphoproliferative disorders. Poster presentation, 44th Annual Meeting, American Society of Dermatopathology, Baltimore, MD, October, 2007.
18. Cooper LD, Olsen SH, Krijanovski OI, Gudjonsson JE, **Fullen DR**. Patch-stage cutaneous T-cell lymphoma two years post bone marrow transplantation for chronic lymphocytic leukemia. Poster presentation, 44th Annual Meeting, American Society of Dermatopathology, Baltimore, MD, October, 2007.
19. Pouryazdanparast P, Fullen DR. Squamo-melanocytic tumor: A case report of an unusual dermal neoplasm and review of histogenesis. Platform presentation, 11th Joint Meeting, International Society of Dermatopathology, San Antonio, TX, January, 2008.

Revised 1/08/08