

CURRICULUM VITAE

Larry J. Fowler, M.D.

Date of Preparation: 05/20/10

I. GENERAL INFORMATION

A. Personal Data:

1. Citizenship Status: U.S.

B. Education:

1976 M.D. Wayne State School of Medicine, Detroit, Michigan
1972 B.S. Michigan State University, East Lansing, Michigan

C. Postgraduate Training:

1992-93	Fellow in Cytopathology	University of North Carolina Hospitals Chapel Hill, North Carolina
1988-92	Resident (AP/CP)	University of North Carolina Hospitals Chapel Hill, North Carolina
1977-79	Resident Internal Medicine	SMAHEC - Bronson and Borgess Hospitals Kalamazoo, Michigan
1976-77	Intern-Resident Internal Medicine	SMAHEC - Bronson and Borgess Hospitals Kalamazoo, Michigan

D. Academic Appointments:

10/01/09-Present	Full Professor	University of Florida College of Medicine, Dept of Pathology, Immunology, and Lab Medicine
8/06-9/30/09	Full Professor with Tenure	University of Texas Health Science Center at San Antonio, Department of Pathology
8/00-7/06	Associate Professor with Tenure	University of Texas Health Science Center at San Antonio, Department of Pathology
7/93-8/00	Assistant Professor	University of Texas Health Science Center at San Antonio, Department of Pathology

E. Other Employment:

7/93-9/09	Staff Pathologist	University Hospital UTHSCSA
7/93-9/09	Consultant Pathologist	Audie L. Murphy VA Hospital
8/92-7/93	Staff Pathologist	University of North Carolina Hospitals

7/79-6/88 Private Practice Hillsdale, Michigan

F. Certification and Licensure:

1. Certification:

Cytopathology	1994	AQ94-001
Anatomic Pathology/Clinical Pathology	1992	92-007
Internal Medicine	1979	70863
National Board of Medical Examiners	1977	167293

2. Recertification: N/A

3. Licensure:

Florida	2009	Active	ME 105199
Texas	1993	Inactive	J4806
North Carolina	1988	Inactive	32363
Michigan	1977	Inactive	038804

4. E.C.F.M.G: N/A

5. Other:

DEA	1977 to Present	AF7783699
Texas Controlled Substance Registration	1993 to Present	E0085455

G. Honors and Awards:

Peter Banks Award for Outstanding Pathology Faculty, 2009

Alpha Omega Alpha Honor Medical Society, Wayne State School of Medicine, 1975

II. TEACHING:

A. Classroom/Laboratory:

2004-2008	MSIV Elective for Surgery	1 hr/yr	lecturer
2003-2008	Gen Pathology DSII (PATH6019)	4 hr/yr	lecturer
2003-2004	All Incoming House Officers	0.5 hours	lecturer
	UTHSCSA-Orientation		
1999-2009	Medical Pathology MSII	6 hr/yr	lecturer
1999-2009	Director, Endocrine Section, MS II Pathology Course		UTHSCSA
1999-2009	Medical Pathology MSII (labs)	24+ hrs/yr	instructor
1999-2002	Gen Pathology DSII (PATH6019)	5 hr/yr	lecturer
1999	Oral Pathology-DH (DENH2036)	2 hr/yr	lecturer
1998-2009	Pathology Residents	12 hrs+/yr	lecturer
	UTHSCSA		

Classroom/Laboratory (Continued):

1998-99	Texas Department of Health Cytotechnologists	2 hr/yr	lecturer
1998	Medical Pathology MSII	4 hr/yr	lecturer
1998	Medical Pathology MSII (labs)	38 hrs/yr	instructor
1998 & 1995	Pulmonary Fellows UTHSCSA & Military	1 hr/yr	lecturer
1997-2006	Cytotechnology School University Hospital	10 hrs/yr	lecturer
1997	Medical Pathology MSII (labs)	34 hrs/yr	instructor
1996-98	Gen Pathology DSII (PATH6019)	3 hr/yr	lecturer
1996-97	Medical Pathology MSII	3 hr/yr	lecturer
1996-97	Director, Dermatopathology Section, MS II Pathology Course UTHSCSA		
1996	Medical Pathology MSII (labs)	22 hrs/yr	instructor
1995	Medical Pathology MSII	1 hr/yr	lecturer
1995	Medical Pathology MSII (labs)	22 hrs/yr	instructor
1994-96	Pathology Residents	8 hrs/yr	lecturer
1994	Medical Pathology MSII	1 hr/yr	lecturer
1994	Medical Pathology MSII (labs)	20 hrs/yr	instructor
1993-96	Cytotechnology School University Hospital	8 hrs/yr	lecturer
1993	Pathology Residents UTHSCSA	6 hrs/yr	lecturer
1993	Medical Pathology MSII	1 hr/yr	lecturer
1993	Medical Pathology MSII (labs)	6 hrs/yr	instructor

B. Clinical Teaching:

2005 - 2009	Autopsy Lecture, SWTJC, Nursing Students	1 hr. lecture
1999-2009	Resident Evaluation and Curriculum Development Lectures To Pathology Faculty, Residents and PRODS	3-4 hrs/yr
1995-2009	FNA/Cytology/SurgPath/Autopsy UTHSCSA, Non-Pathology Residents & Fellows	50 hrs/yr
1995-2009	Endocrinology Fellows, UTHSCSA Endocrine Conference	12 hrs/yr
1995-2009	MSIV Elective Path 4011 Fine Needle Aspiration UTHSCSA	1-2 students per 2 week course 8-12 students/yr
1993-2009	UH/VA Residents & Fellows Cytology, Surgical Path & Autopsy	>10 hrs/wk >500 hrs/yr
1993-2009	University Hospital Cytotechnologists, Endoscopy Nurses	1 hr/month 12 hrs/yr

C. Instructional Development:

1. Formal Study to Improve Teaching Abilities:

"Preparing an Effective Lecture and Preparing Effective Multiple Choice Examination Questions" by Patrick Duff, MD, Education Seminar/Workshop Series, Univ of Florida College of Medicine, 1 CME

Thyroid in Practice Ultrasound Course, August 26-28th, 2009 Sarasota, FL
21 CME from University of Florida

Annual PRODS (Pathology Residency Directors National Organization) Meeting 1996-2008 (10 plus hours each year on teaching medical students and graduate medical education.) As well as having been on the Curriculum Committee from 1999-2002.

UTHSCSA Medical School leadership & Administration Program 5 hours every other week January through June 2006.

"Teaching Skills Course" (100 hours), Fall 1994, UTHSCSA, Division of Instructional Development, Office of Educational Resources

"Designing Computer-Based Instruction" (12 hours), June 15-16, 1995, UTHSCSA, Division of Instructional Development, Office of Educational Resources

2. Current Research Concerning Teaching:

- Developed a competency-based curriculum and methodology for evaluation for pathology residents in cytology that has been used a framework for further work by the ASCP, PRODS, Papanicolaou Society and the ASC.
- Continue development of pathology resident evaluation for assessment of clinical skills and graduated responsibility utilizing "six general competencies."
Development of conference evaluation feedback for improvement of resident conferences.
- Developing a Process Improvement Conference to teach QA and Administrative Skills to Pathology Trainees and Faculty
- Development of teaching glass slide & digital microscopics sets in Medical cytology & FNA for fellows, residents and cytotechnologists.

D. Direction of Masters' Theses and Ph.D. Dissertations, Membership on Supervising Committees, and Supervision of Pre-doctoral Students and Postdoctoral Fellows:

1. Masters' Theses Directed: None
2. Ph.D. Dissertations Directed: None
3. Membership on Supervising Committees: None
4. Rotation Students Supervised: 8 – 10 Students per year
5. Pre-doctoral Students Supervised: 1 – 2 Students per year
6. Post-doctoral Students Supervised:

1996- 2009 Pathology Residency Director (16-20 residents/yr)

Cytology Fellows 1993-Present

1993-94	-	Stuart Smith, M.D.
1995-96	-	Peter Ramirez, M.D.
1996-97	-	Valerie Fields, M.D.
1997-98	-	Gregor Stransky, M.D.
1998-99	-	Alex van Amerongen, M.D.
1999-2000	-	Carolina Echeverri, M.D.
2000-2001	-	Anne Schumate, M.D.
2001-2002	-	M. Sherry Wehner, M.D.
2002-2003	-	Michael O. Lovell, M.D.
2003-2004	-	Andres Angel, M.D.
2004-2005	-	Ghazwan Sharabi, M.D.
2005-2006	-	Jill Uecker, M.D.
2006-2007	-	Whitney A. Lachar, M.D.
2007-2008	-	Jeffrey Christal, M.D.
2008-2009	-	Ginine Beyer, MD.
2009- ½ yr	-	Matthew Martin, M.D.
2009-2010	-	Manette Monroe, M.D.

III. RESEARCH

A. Bibliography:

1. Books and/or chapters:
 - **Fowler LJ**, Furmaga W, Proteomics, Chapter 13 of Molecular Pathology of Lung Diseases, Barrios, Cagle, Haque, Jagirdar, Popper, and Zander, editors, Springer Publications 2008; pgs 130-143.
 - **Fowler LJ**, Furmaga W, Proteomics, Chapter 13 of Basic Concepts of Molecular Pathology, Cagle PT, Allen TC, editors, Springer Publications 2009 pgs 119- 132.

2. Papers published or in press (* - papers that are refereed):

- *1. Thorp JM Jr, Katz VL, **Fowler LJ**, Kurtzman JT and Bowes WA Jr: "Fetal Death from Chlamydial Infection Across Intact Amniotic Membranes", *Am J Obstet Gynecol*, 1989; 161:1245-6.
- *2. Katz VL, Thorp JM Jr, Watson WJ, **Fowler LJ**, Bowes WA Jr, and Heine P: "Human Immune Globulin Therapy for Pre-eclampsia Associated with Lupus Anticoagulant and Anticardiolipin Antibody", *Obstet Gynecol*, 1990; 76(5):986-8.
- *3. **Fowler L**, Novotny D, and Maygarden,S: "HAM-56 and CEA Antibodies in the Differential Diagnosis Between Primary Ovarian Versus Metastatic Gastrointestinal Carcinoma, *Hum Pathol* , 1994; 25:666-670.
- *4. Smith S, **Fowler L**, Hausenfluke L, Cho CG, Eagan PA, Gulley ML, "Diagnosis of Epstein-Barr Virus Associated Nasopharyngeal Carcinoma Using Fine Needle Aspiration Biopsy and Molecular Diagnostics", *Diagnostic Cytopathol*, 1995;13:155-159.
- *5. Fine B, **Fowler L**, and Valente P. "Minimal Invasive Paget's Disease of the Vulva with Extensive Lymph Node Metastases, *Gynecologic Oncology*, 1995; 57:262-265.
- *6. **Fowler L**, "Fine Needle Aspiration (FNA) of The Male Breast: Apocrine Metaplasia in Gynecomastia" ASCP Check Sample Series, C96-1, 1996.
- *7. **Fowler L**, "FNA of The Salivary Gland: Differential Diagnosis of Hyaline-Like Material. ASCP Tech Sample Series, CY-1, 1996.
- *8. **Fowler L**, Smith S, Snider TE, and Schultz M. "Apocrine Metaplasia in Gynecomastia by Fine Needle Aspiration: A Possible Indicator of Illicit Steroid Use" *Acta Cytol* , 1996; 40:734-738.
- *9. Sharkey FE, Addington SL, **Fowler LJ**, Page CP, and Cruz AB. "Effects of pre-operative chemotherapy on the morphology of resectable breast carcinoma." *Mod Pathol* 1996; 9(9):893-900.
- *10. Haverly RM, Gulley M, Craig F, **Fowler LJ**, "Fine-needle Aspiration Diagnosis of Posttransplant Lymphoproliferative Disorder (PTLD) Patient," ASCP Tech Sample Series, CY-4, 1997.
- *11. Echeverri C, Matherne J, Jorgensen J, **Fowler LJ**, "Fite stain positivity in *Rhodococcus equi*: Yet another acid-fast organism in respiratory cytology-A case report, *Diagn Cytol* 2001;24:244-246.

- * 12. Richards ML, Schwesinger WH and **Fowler L**. Rectal bleeding in a woman with thyroid mass. *Current Surgery*, 2003; 60(4): 428-430.
- * 13. **Fowler LJ**, Lovel MO, Izbicka E, Fine-needle Aspiration in PreservCyt®: A Novel and Reproducible Method for Ancillary Proteomic Pattern Evaluation of Breast Neoplasms by SELDI-TOF. *Mod Pathol*. 2004; 17, 1012-1020.
- * 14. Angel A, Hospodar E, Valente PT, Jeffries P, **Fowler LJ**, Herpes vi rus infection in peritoneal fluid: A case report and review of literature. *Diagn Cytopathol*. 2005 Jan;32(1):44-6.
- * 15. **Fowler LJ**, W Lachar, Application of immunohistochemistry to cytology. *Arch Pathol Lab Med*. 2008;132:373-383.
- * 16. Miller BS, Rusinko RY, **Fowler L**, Synchronous Thymoma and Thymic Carcinoid in a Woman with Multiple Endocrine Neoplasia Type 1: A Case Report and Review, *Endocrine Practice*. 2008 Sept;14(6):713-6.
- * 17. Hands KE, Cervera A, **Fowler LJ**, Benign-Appearing Cervical Lymph Nodes by Ultrasonography Are Associated with Increased Likelihood of Cancer Somewhere Within the Thyroid in Patients Undergoing Thyroid Nodule Evaluation, *Thyroid* 2010

3. Abstracts:

- 1. Breyer E, **Fowler L**, Lorenzo L, Jones M, and Forman DT: "Evaluation of Effects of Lyophilized and Liquid Heparin On Measurement of Whole Blood Electrolytes", *Clinical Chemistry* Vol 37:945, 1991. (Abstract.)
- 2. **Fowler L**, Novotny D, and Maygarden S: "HAM-56 and CEA Antibodies in the Differential Diagnosis Between Primary Ovarian Versus Metastatic Gastrointestinal Carcinomas" (Abstract) Annual Meeting of United States and Canadian Academy of Pathology, New Orleans, Spring 1993.
- 3. Addington S, Sharkey F, **Fowler L**, Page C, and Cruz A: "Effects of Preoperative Chemotherapy on the Morphology of Resectable Breast Carcinoma" (Abstract) Annual Meeting of U.S. and Canadian Academy of Pathology, San Francisco, Spring 1994.
- 4. Snider TE, Smith S, Schultz M, and **Fowler L**. "Apocrine Metaplasia in Gynecomastia by Fine Needle Aspiration: A Possible Indicator of Illicit Steroid Use" (Abstract) Fall 1994 Meeting of American Society of Cytopathology, Chicago, IL.

5. Heim-Hall J, Smith S, Buhaug J, and **Fowler L**. " Uniform Spheroid Negative Images Within Necrosis on Diff-Quik®: A Clue to Disseminated Histoplasmosis?" (Abstract) Fall 1994 Meeting of American Society of Cytopathology, Chicago, IL.
6. Haverly RM, Gulley M, Craig F, **Fowler LJ**, "Fine-needle Aspiration Diagnosis of Posttransplant Lymphoproliferative Disorder (PTLD) in a Liver Transplant Patient", (Abstract) Texas Society of Pathology 1996 Annual Meeting, Dallas, TX.
7. Ramirez P, Schantz D, Valente PT, **Fowler LJ**, "Significance of Parakeratosis in Cervical Papanicolaou Smears: A Review of 183 Cases With Follow-up". Poster presentation at 85th Annual Meeting of U.S. and Canadian Academy of Pathology, Washington, DC, Spring 1996. Abstract #197, *Mod Pathol* 9(1):37A, 1996
8. Ramirez PE, Kardos TF, **Fowler LJ**, "Fine Needle Aspiration of Signet Ring Cell Lymphoma: Three cases with comparison to FNA of other signet cell neoplasms." (Abstract) at Fall 1996 Meeting of American Society of Cytopathology, Denver, CO. Abstract #111, *Acta Cytol* 40(5):1085-1086, 1996.
9. Valente PT, Schantz HD, **Fowler LJ**, Trabal JF, "Atypical Squamous Metaplasia versus High Grade SIL: A High Risk ASCUS?" (Abstract) at Fall 1996 Meeting of American Society of Cytopathology, Denver, CO. Abstract #18, *Acta Cytol* 40(5):1040, 1996.
10. Valente PT, **Fowler LJ**, Fine BA , "Unusual Diagnostic Pitfalls in Peritoneal Washing Cytology" (Abstract) at Fall 1996 Meeting of American Society of Cytopathology, Denver, CO. Abstract #56, *Acta Cytol* 40(5):1058, 1996.
11. Echeverri C, **Fowler L**, Valente P, Efficacy of PAPNET® Overscreening of Negative Cervical Smears in a High Risk Population," Spring 2000 USCAP Meeting, New Orleans, LA.
12. Echeverri C, **Fowler L**, Follicular Variant of Papillary Thyroid Carcinoma: Can Fine Needle Aspiration provide a specific diagnosis? Spring 2001 USCAP Meeting, Atlanta, GA, *Mod Pathol* 2001; 14(1):51A.
13. Wehner MS, Yeh I, McMahan CA, **Fowler LJ**, Breast Cancer Prognostic Indicators in specimens obtained by fine needle aspiration. *Modern Pathology* (2002); 15(1), 92A. Published abstract and poster presentation at the Texas Society of Pathologists Annual Meeting 1/02 and United States and Canadian Academy of Pathology Annual Meeting 2/02.
14. Wehner M S, **Fowler L J**, and Valente PT, Histologic Follow-up of AGUS: Is Subclassification Useful? Abstract, ASC Meeting Nov 5-9, 2002, Salt Lake City, UT.

15. Lovell MO, Izbicka E, **Fowler LJ**, Fine-needle Aspiration in PreservCyt®: A Novel and Reproducible Method for Ancillary Proteomic Evaluation of Breast Neoplasms by SELDI-TOF. Submitted for Fall 2003 ASC Meeting, Orlando, FL (Abstract 190: *Acta Cytolog* 47:938, 2003.)
16. Herrick J, **Fowler LJ**, Yeh I-T, Campos D, Izbicka E, Proteomic Evaluation of Breast Neoplasm Fine-needle Aspirations by SELDI-TOF: Comparison of PreservCyt® versus Fresh-Frozen in Buffered Saline Methodology. Published abstract #1531 *Mod Path* (2005); 18(1), p330A & poster presentation at the United States and Canadian Academy of Pathology Annual Meeting 2/05, San Antonio, TX.
17. Yeh I, Campos D, Yohe S, Izbicka E, Clarke C, **Fowler L**, Differential diagnosis of fibroadenoma versus phyllodes tumor of the breast on limited size biopsies: Can proteomic profiling help in the future? XXVI International Congress of the International Academy of Pathology (IAP), September 16-21, 2006 Montreal, Quebec. *Mod Pathol* 19 (Supplement 3): pg 143 Abstract 660.
18. Jani R, , Jech M, Bruder JM, **Fowler LJ**, Tripathy D, Dahia P, Unusual Presentation of a Catecholamine Secreting Tumor (CST). American Association of Clinical Endocrinologists Annual Meeting, Seattle Washington, April 12, 2007.
19. Duran T, **Fowler LJ**, Sarcoidosis as Unsuspected Cause of Death in Non-ischemic Cardiomyopathy with Conduction Defects and New Mitral Wall Tethering Discovered at Autopsy, Texas Society of Pathologists 87th Annual Meeting, February 1-3, 2008, Houston, TX, Poster presentation.

4. Review, editorials:

Book Reviews:

1. Cytopathology of the Breast, S. Masood, ASCP Press, *Modern Pathology* Published 1997.
2. Pathology: A Comprehensive Review, D.S. Heller, Butterworth-Heineman, Doody Publishing, 2/99
3. Fine Needle Aspiration Biopsy of the Pancreas, BA Centeno & M B Pitman, Butterworth-Heineman, Doody Publishing, 2/99
4. Stomatology-ENT, Atlas of Pathology CD-ROM, C Brocheriou, AC Baglin, & M Wassef, Springer-Verlag Electronic Media, Doody Publishing, 9/99.
5. Interactive Case Study Companion to Robbins Pathologic Basis of Disease 6th Edition, Kumar & Hagler, W.B. Saunders Company, Doody Publishing, 9/99.

6. Gynecologic cytopathology: cervix, Atlas of Pathology CD-ROM, C Marsan, A-M Bergemer, JL Grippari, V Molinie, Springer-Verlag Electronic Media, Doody Publishing, 9/99.
7. *Practical Principles of Cytopathology*, R.M. DeMay, ASCP Press, Doody Publishing, 3/00.
8. Introduction to Gynecologic with Histologic and Clinical Correlations, LG Koss & C. Gompel, Williams & Wilkins, *Modern Pathology*, 2000.
9. Cytopathology of Bone and Soft Tissue Tumors, LJ Layfield, Oxford University Press, *Modern Pathology*, 2002.

Article Reviews:

Reviewer for the following refereed publications (1997-2008);

Archives of Pathology & Laboratory Medicine

Modern Pathology

Cancer Cytopathology

Diagnostic Cytopathology

American Journal of Clinical Pathology

Medical Principles and Practice (International Journal of the Kuwait University Health Sciences Center)

Invited to serve on Editorial Board of *Endocrine Pathology* by Dr. Virginia LiVolsi (presently verbally accepted)

5. Other:

1. **Fowler L**, Hammond J, and Wagner J: "PC Based Laboratory Manual Prototype Using Toolbook for Windows " (Presentation at UNC-CH Annual Research Conference, Jan. 31, 1992 and abstract in UNC Hospitals' Bulletin of Laboratory Medicine, Issue 123, 1992.)
2. **Fowler L**. " Cytology of Bronchoalveolar Lavage" (Invited Lecture) University of Texas Health Science Center at San Antonio, December 1992.
3. **Fowler, L**. "Approach to FNA of The Immunocompromised Host Teleconference Network of Texas, August 23, 1994, American Society of Clinical Pathologists Teleconference September 22, 1994.
4. **Fowler L**. "ABC's of Fine Needle Aspiration for Clinicians" (Invited Lecture) UTHSCSA Department of Surgery, November 1993 and Department of Obstetrics and Gynecology, March 1995.
5. **Fowler LJ**, "Bronchoalveolar Lavage: Non-Neoplastic Cytology" (Invited Lectures) Texas Society of Cytopathology Annual Seminar, September, 1996, San Antonio, TX & University of Michigan Hospitals' Department of Pathology, October 11, 1996, Ann Arbor, MI.

6. **Fowler, L** "FNA of Salivary Neoplasms" Teleconference Network of Texas, November 28, 1995 and American Society of Cytopathology Teleconference October 22, 1996.
7. **Fowler LJ**, Valente PT, and Schantz HD, Cell Block Techniques and Immunocytochemistry, Letter to the Editor, *Diagn Cytopathol* 1996; 14:281.
8. **Fowler, L.** "Approach to FNA of The Immunocompromised Host" (Invited Lectures) San Antonio Society of Pathologists' Symposium: Diagnostic Testing in Patients with Immunodeficiency, December 6, 1996, and Wilford Hall Annual Cytopathology Course May 1994 - 2002, San Antonio, TX.
9. **Fowler LJ**, "Immunocytochemistry Testing for Cytology Labs" (Invited Lecture) Oklahoma Society of Cytopathology, March 29, 1997, Oklahoma City, OK and CASA, San Antonio, TX on August 21, 1997.
10. **Fowler LJ**, "Approaches to Breast Carcinoma" (Invited Lecture) San Antonio Society of Pathology, April 1, 1997, San Antonio, TX.
11. **Fowler LJ**, "Ideal Specimen Preparation: What, How, When & Why?" (Invited Lecture) South Central Texas Society of Gastroenterology Nurses and Associates' 17th Annual Seminar, April 12, 1997, San Antonio, TX.
12. **Fowler LJ**, "FNA of The Salivary Glands" (Invited Lecture) Wilford Hall Annual Cytopathology Course May 1997-02, San Antonio, TX.
13. **Fowler LJ**, Valente, PT, and Ramirez PE, Air Embolism and Fine Needle Aspiration, Letter to the Editor, *Acta Cytol*, 1997; 41:1633-1634.
14. **Fowler LJ**, "Immunocytochemistry: What, Why & When for Non-Gyn Cytology" Teleconference Network of Texas, April 28, 1998.
15. **Fowler LJ**, "Respiratory Cytology of Non-Neoplastic Conditions" Teleconference Network of Texas, April 29, 1997 and for American Society of Clinical Pathologists Teleconference Series 1998.
16. **Fowler LJ**, "Pathology for Clinicians: The Thyroid" San Antonio Regional Endocrinologists Monthly Lecture Series, 8/96 & 9/23/99.
17. **Fowler LJ**, "Urine Cytology: A Bygone Test?" Teleconference Network of Texas, June 22, 1999.
18. **Fowler LJ**, " FNA of the Thyroid" Teleconference Network of Texas, May 25, 2000.

19. **Fowler LJ**, "Pathology for Clinicians: Non- Thyroid Endocrine" San Antonio Regional Endocrinologists Monthly Lecture Series, Dec. 2000.
20. **Fowler LJ**, 'What We Don't Teach Today May Kill Tomorrow; Health Education is not just an "Enrichment Area"'.(Invited Lecture) American Cancer Society School Nurse Workshop, Feb 24, 2001, San Antonio, TX.
21. **Fowler LJ**, "Immunocytochemistry: Practical Uses for Non-gynecological Cytology" American Society of Clinical Pathologist Teleconference, April 19, 2001.
22. **Fowler LJ**, PRODS: Competency/Outcomes Incorporation Survey, Presentation to PRODS Curriculum Committee, APC/PRODS Annual Summer Meeting, July 2002.
23. **Fowler LJ**, APC/PRODS Panel Discussion:Developing the Competency Toolbox: Evaluating Medical Knowledge, APC/PRODS Summer Meeting, July 2002.
24. **Fowler, LJ** "Breast Cancer and Proteomics: A New Tool with New Hope?" Dept of Pathology Research Conference, and Dept of Oncological Surgery at UTHSCSA and Cytology Association of San Antonio all in January-February, 2003-4.
25. **Fowler LJ**, PRODS: Resident On-Call Survey, Presentation to PRODS Curriculum Committee, APC/PRODS Annual Summer Meeting, Mont Tremblant, Quebec, July 2003.
26. **Fowler LJ**, Pathology: Implementing General Competencies, Invited Lecturer, Department of Pathology, Univ. Of Vermont, Burlington, Vermont, April 22, 2004.
27. **Fowler LJ**, FNA in the Approach to Papillary Carcinoma of Thyroid, Panel Discussion, Invited Lecturer, Third Annual Texas Endocrine Symposium, University of Texas Health Science Center at San Antonio, Texas, October 2, 2004.
28. **Fowler, LJ** "Cytology Diagnosis: Can Proteomics Help Us?" Teleconference Network of Texas, October 26, 2004.
29. **Fowler LJ**, APC/PRODS: Program Director Turnover Survey, APC/PRODS Annual Summer Meeting, Mont Tremblant, Quebec, July 2005.
30. Black-Schaffer S, **Fowler LJ**, Teaching for all Technologies in Cytology (Liquid Based Preps, Automated Screening), Invited Lecturer, American Society of Cytopathology Meeting, November 4, 2005, San Diego, CA.

31. Frable WJ, **Fowler LJ**, Teaching FNA and Meeting Accreditation Requirements, Invited Lecturer, American Society of Cytopathology Meeting, November 4, 2005, San Diego, CA.
32. **Fowler LJ**, Pathology RRC and ABP Updates for Cytopathology Fellowships. Invited Lecturer, American Society of Cytopathology Meeting, November 3, 2006, Toronto, ON.
33. **Fowler LJ**, Black-Schaffer S, Iverson D, Teaching Management in Cytopathology. Invited Lecturer, American Society of Cytopathology Meeting, November 3, 2006, Toronto, ON.
34. **Fowler, LJ** “Proteomic Applications to Cytopathology: Predicting the Future”, Invited Lecturer, ASCT/SAC/TAC 2007 Conference, San Antonio, TX, April 27, 2007.
35. **Fowler, LJ** “Microscopic Workshop: Non-gyn Infectious Disease Identification”, Invited Lecturer, ASCT/SAC/TAC 2007 Conference, San Antonio, TX, April 27, 2007.
36. **Fowler LJ**, APC/PRODS: Portfolios: Making them simple and useful, APC/PRODS Annual Summer Meeting, Colorado Springs, CO, July 2007.
37. **Fowler LJ**, Cytopathology ABP and RRC Updates: plus “Where things go wrong” Invited Lecturer, American Society of Cytopathology Meeting, November 2, 2007, Houston, TX.
38. **Fowler LJ**, APC/PRODS: Avoiding Citations: “Where Things Go Wrong”, APC/PRODS Annual Summer Meeting, Colorado Springs, CO, July 2008.
39. **Fowler LJ**, FNA of Thyroid: The NCI “State of the Science” Conference’s Nomenclature and Implications for Management, Invited lecturer at University of Florida- Gainesville & Vanderbilt University Departments of Pathology, April & May 2009

6. Papers currently submitted: None

B. Areas of Research Interest:

1. Endocrine and head and neck pathology including cytopathology
2. Applications of proteomics via SELDI-TOF to cytology and body fluids for evaluation of neoplastic and non-neoplastic diseases.
3. Fine Needle Aspiration and the application of ancillary testing for both diagnosis and prognosis of neoplastic and infectious diseases.
4. Computer educational programs for medical students, pathology residents and cytotechnologists.

5. Bronchoalveolar lavage cytology and pulmonary diseases.
6. Resident & Fellow Pathology education and assessment of teaching goals and competency.

C. Current Projects:

1. Maintenance of Certification for pathologists (see committees, etc)
2. Reassessment of thyroid FNA interpretation using NCI Guidelines
3. Working with Dr. J Hobb's reviewing thyroid cases and testing for parvovirus and its association with thyroid cancer. IRB approved and currently applying for funding.

D. Research Support:

1. National:
 Source: American Cancer Society
 Title: American Cancer Society Clinical Oncology Fellowship Grant #92-115
 Period: July 1992-June 1993
 Direct Costs: None
 Year/Total: \$10,000.00
 Role: Fellow
 State: North Carolina
 University: UNC at Chapel Hill
2. State: None
3. University: None
4. Other:
 Source: Ilex Oncology, Inc.
 Title: Cervical Biopsy Interpretation for DFMO
 Period: Phase II – 1997-99
 Direct Costs: None
 Year/Total: \$7,250.00
 Role: Co-Investigator

 Source: Neuromedical Systems Incorporated
 Title: PapNet Access Grant
 Period: 1997-98
 Direct Costs:None
 Year/Total: \$50,000.00
 Role: Co-Investigator

 Source: Women's & Children's Laboratory of the Texas Center for Infectious Disease

Title: Women's & Children's Laboratory of the Texas Center for Infectious Disease

Period: 1998-1999/renewal 1999-2000

Direct Costs: None

Year/Total: \$9,975.00

Role: Co-Investigator

Source: Cytec Corporation

Title: Cytec Corporation 2001 Grant for Application of Gynecological PreserCyt Sample for Chlamydia and Gonorrhea Testing

Period: 2000-01

Direct Costs: None

Year/Total: \$20,000.00

Role: Co-Investigator

Source: Cancer Therapy and Research Center

Title: Metastatic Colon Cancer Study

Period: 2004-05

Direct Costs: None

Year/Total: \$2,000,000

Role: Consultant

+Monies are administered by another department.

oMonies are administered by another member of Pathology department.

IV. SERVICE

A. Professional Affiliations:

1. Current Professional and Scientific Organizations and Societies:

1990-Present Member, American Society of Clinical Pathologists
 1991-Present Member, United States and Canadian Academy of Pathology
 1993-2006 Member, Texas Society of Cytology
 1993-2009 Member, San Antonio Society of Pathology
 1993-2006 Member, San Antonio Cancer Institute
 1994-2008 Member, American Society of Cytology
 1994-2008 Member, Papanicolaou Society of Cytopathology
 1996-2009 Member, Pathology Residency Directors (PRODS)

2. Past and Current Positions and/or Offices Held in Professional Organizations:

2006- 2009 Chair of ASCP Maintenance of Certification Committee and Member of ASCP Committee on Assessment.
 2006-2009 PRODS Council, Post-Chair
 2004-2006 Chair of PRODS Council
 2002-2004 Vice-Chair of PRODS Council
 1999 President of Texas Society of Cytology
 1998 Vice President of Texas Society of Cytology
 1995-1997 Secretary-Treasurer, San Antonio Society of Pathology

1981-1986 Hillsdale County Delegate to Michigan State Medical Convention

3. Other Professional Activities:

2004-2009 Member of the ASCP Maintenance of Certification Committee
 2004-2009 Member of the ASCP Task Force on ACGME Competencies/
 Resident Training
 2004-2005 Member of CAP Future of Pathology Group
 2003-2006 Member ASC Task Force on Cytopathology Qualifications, Chair
 2005-06.
 2000-2009 National Organization of Pathology Program Directors (PRODS)
 Council
 1997-Present Reviewer for *Cancer Cytopathology*, *Diagnostic Cytopathology*,
*Modern Pathology & Archives of Pathology and Laboratory
 Medicine*
 1996-2000 Cancer Coordinating Committee, UTHSCSA
 Chair 1998-2000
 1995 UTHSCSA, Strategic Planning Work Team
 1995 Delineation of Clinical Privileges Task Force, University Hospital
 1994 Telecommunications Support Initiative Committee, UTHSCSA
 1982-1988 Chief of Medicine, Hillsdale Community Health Center
 1980-1984 Member, MCE Committee of Area VII PSRO
 1979-1988 Intensive Care Committee, Respiratory and Physical Therapy
 Committee, Infection Control Committee, Diabetic Committee,
 and Pharmacy Committee, Hillsdale Community Health Center,
 Hillsdale, Michigan

4. Community Activities:

2002-2009 Member Pipe Creek Presbyterian Church, Pipe Creek, TX
 1999-2002 Board Member of Bexar County American Cancer Society
 1998-99 Volunteer for Habitat for Humanity
 1995 Clark High School, Debate/Public Speaking Judge
 1994-2001 Member Forest Hills Presbyterian Church, Helotes, TX
 1985-88 Board Member of Hillsdale Community Schools Board of
 Education
 1984-88 Board Member of Hospice of Hillsdale County
 1979-81 Board Member of Hillsdale County Cancer Society

B. Patient Service:

1. Inpatient:

Fine Needle Aspiration Service
 Univ of Florida-Gainesville

Current weekly FNA Clinic
 0.5 day per week

UTHSCSA

1998-2009 18 weeks/year avg
 1993-1998 every other week

Cytology Service

Univ of Florida-Gainesville UTHSCSA Surgical Pathology Service Univ of Florida-Gainesville UTHSCSA	Currently 2 weeks per month avg 1993-2009 18 weeks/year avg Currently 3 weeks per month on Gyn, ENT and Frozen section 1993-2009 Gyn SP 6 wks/yr and covered frozens prn
Autopsy Service Univ of Florida-Gainesville UTHSCSA	2 weeks per 6 months 1998-2009 30 weeks/ yr & 30 weekends covered 1993-1998 4 weeks/yr

2. Outpatient:
Univ of Florida-Gainesville:
Current weekly FNA Clinic 0.5 day per week

UTHSCSA:
Downtown University Hospital FNA Clinic 4-6hrs/wk Discontinued 2002.
CTRC FNA Clinic begun December 2008-Jan 2009.
Cytology & Surgical Pathology Consultations appx. 5 consults/month
3. Other:
Medial-Legal Consultations 1 in 1997, 2 in 1998, 2 in 2002, 1 in 2003/04
(Payment directly to Department of Pathology/UTHSCSA)

C. Committees:

1. Department:
1996-2009 Residency Advisory Committee & Chiefs' & Chair's Committee,
Member
1995-2008 Senior Kline Award Committee, Member
2. Medical School:
2001-2004 Medical School Admissions Committee, Member
2001-2002 LCME Student Issues Committee, Member
1995-1998 Medical School Admissions Committee, Member
1996- Present GME Committee & Subcommittees
3. University:
2006-2009 UTHSCSA Tenure and Promotion Committee
2003-2006 Computing Resources Committee, Member
2005- 2006 Student Computing Subcommittee, Chair
2003-2005 Desktop Subcommittee for CRC, Chair
1996-Present UTHSCSA GME Committee (and it's subcommittees)

1996-2000	Cancer Coordinating Committee (Chair 1998-2000)
1995-1996	Chair of Investigator Issues Subcommittee of CRC, Chair
1995	UTHSCSA, Strategic Planning Work Team, Member
1994-1996	Computing Resources Committee, Member
1994	Telecommunications Support Initiative Committee, Member

D. Administrative Responsibilities:

1. Department, Division, Clinical Service, Coordinator, etc.:
 - 2009- current Cytopathology Section Head, Univ of Florida/Shands
 - 2006- 2009 Co-Director Dept of Pathology Proteomics Lab, UTHSCSA
 - 2006- 2009 Autopsy Director, UTHSCSA
 - 2003-2005 Interim Director of Autopsy, UTHSCSA
 - 1996-2009 Director Pathology Residency Training Program, UTHSCSA
 - 1994-2009 Co-Director of Cytopathology Fellowship, UTHSCSA
 - 1993-2009 Director of Fine Needle Aspiration, Department of Pathology, UTHSCSA
 - 1993-2005 Assistant Medical Director, School of Cytotechnology, UTHSCSA

Duties include:

Director / Section Head of Cytopathology and Supervising fellows, residents, and medical students on the cytopathology service.

Previously included supervising 16 residents per year in an ACGME accredited Anatomic and Clinical Pathology Training Program selected from over 300 applicants per year. I oversee the training/teaching schedules, conference content, resident/faculty/rotations' periodic evaluations, administering a yearly inservice examination, as well as serving as intermediary in resident/faculty conflicts. A minimum of twice yearly I hold half hour review and evaluations with each of the residents individually. For the University this also includes serving on the Graduate Medical Education Committee which meets quarterly. I have overseen the preparation of two separate program PIFS for two separate RRC visits during the time as residency director as well as the interim internal reviews. Our program the most recent RRC review was given a five year renewal (longest available) with no citations. We were the first program to be placed on the UTHSCSA GME "Honor Roll" as the first program in some time that had received such a positive review.

My work with pathology residency competencies has been nationally recognized among fellow pathology residency directors with my selection to Chair this national group from 2005 through 2006 as well as being asked to serve on a variety of national organization committees focused on pathology education and competencies.

2. Staff and Personnel Currently Supervised:

- Cytotechnologists (5)
- Cytotechnicians (2)

V. OTHER PERTINENT INFORMATION:

- 1995 Delineation of Clinical Privileges Task Force, UH
- 1994-2009 Utilization Review Committee, University Hospital
Currently Chair of Utilization Review
- 1993-2009 Lab Directors, University Hospital