

CURRICULUM VITAE

FABRIZIA FAUSTINELLA, M.D. , PH.D.

The University of Texas Health Science Center at Houston

PRESENT TITLE: Associate Professor of Medicine
Division of General Medicine

ADDRESS: Department of Internal Medicine
Division of General Medicine
6431 Fannin, MSB 1.122
Houston, TX 77030
Phone: 713-500-6714
Fax: 713-500-6722
Pager: 713-608-0213

D.O.B.: November 11, 1962

CITIZENSHIP: United States

UNDERGRADUATE EDUCATION: A. Mariotti Liceo Classico
Perugia, Italy
Bachelor of Arts in Humanistic Studies 1976-1980

POSTGRADUATE EDUCATION: University of Perugia Medical School
Perugia, Italy
Doctor of Medicine (MD) 1980-1986
Magna cum Laude

GRADUATE EDUCATION: University of Florence
Florence, Italy
Doctor of Philosophy (Ph.D.)
Department of Hematology 1986-1989

University of Milano
Milano, Italy
Department of Biology and Genetics 1986-1989

POST GRADUATE TRAINING: Postdoctoral Fellow
Department of Cell Biology
Dr. Lawrence Chan's Laboratory
Baylor College of Medicine
Houston, TX 1989-1992

	Postdoctoral Fellow Institute of Molecular Genetics Dr. C.T. Caskey's Laboratory Baylor College of Medicine Houston, TX	1992-1993
INTERNSHIP:	Baylor Affiliated Programs Baylor College of Medicine Internal Medicine Houston, TX	1994-1995
RESIDENCY:	Baylor Affiliated Programs Baylor College of Medicine Internal Medicine Houston, TX	1995-1997
ACCADEMIC APPOINTMENTS:	Associate Professor Department of Internal Medicine University of Texas-Health Science Center Houston, TX	2005-Present
	Assistant Professor Department of Internal Medicine University of Texas-Health Science Center Houston, TX	1999-2005 1999
	Assistant Professor Department of Medicine Baylor College of Medicine Houston, TX	1997-1999
	Research Adjunct Assistant Professor Department of Neurosurgery University of Texas Health Science Center Houston, TX	1993-1998
HOSPITAL APPOINTMENTS	Hermann Hospital, 1999- Present LBJ General Hospital, 1999- Present Harris County Psychiatric Hospital, 1994-Present Methodist Hospital, 1994-Present St. Luke's Episcopal Hospital, 1994-Present VA Medical Center, 1994-Present	

PROFESSIONAL APPOINTMENTS:	Official Physician of the Italian Consulate Houston, TX	1998-2001
	Institute for Preventive Medicine Methodist Hospital, Houston, TX	1997-1998
LICENSURE/ CERTIFICATION:	American Board of Internal Medicine	1997
	Texas State Medical License (K4424)	1997
PROFESSIONAL ORGANIZATIONS:	Texas Club of Internists	2003-Present
	Clerkship Directors in Internal Medicine	2002-Present
	UT-Women's Faculty Association	2003-Present
	American College of Physicians	1994-2000
	American Medical Association	1997-2000
	Texas Medical Association	1998-2000
HONORS AND AWARDS:	Harris County Medical Society	1998-2000
	Internal Medicine best Clerkship UT-Graduating Class of 2006	2006
	Internal Medicine Outstanding Faculty Teacher – UT Graduating Class of 2003	2003
	Internal Medicine best Clerkship UT-Graduating Class of 2003	2003
	Dean's Teaching Excellence Award UT-Houston Medical School	2002-2005
	White Coat Ceremony – Coater UT-Houston Entering Class	2002 & 2003
	Best Doctors in America	2003-2006
	Houston Best Doctors List	2002-2004
	Master Teachers Fellowship Award UT-Houston Medical School	2003-Present
	Combined Baylor College of Medicine/ UT-Houston Medical School Master Teacher Fellowship Award	2001-2003
	The Henry D. McIntosh Award "Outstanding Resident in Medicine" Baylor College of Medicine	1996-1997
	Alpha Omega Alpha (AOA) Honor Society	1997-Present
	"Outstanding Intern in Ambulatory Care" Baylor College of Medicine	1995
	"Duchenne Muscular Dystrophy Fellowship Program" Research Fellow Baylor College of Medicine	1992-1993

HONORS AND AWARDS (cont'd):

“Italian Association for Cancer Research” Research Scholarship, Univ. of Milano	1986-1989
“Silvestrini’s Award for Excellence in Medical Studies”, University of Perugia Medical School	1986

COMMITTEE AND ADMINISTRATIVE SERVICE:

UT- HOUSTON MEDICAL SCHOOL	Director, II year Physical Diagnosis Course	2004-Present
	Co-Director, II year Physical Diagnosis Course <i>Organizing lectures and small groups, compiling and editing the syllabi, administration and grading of the <u>O</u>bjective <u>S</u>tructured <u>C</u>linical <u>E</u>xam (OSCE), developing exam questions for each block (5-6 exams/yr), meeting with students to address issues and problems (2-3 hrs/wk).</i>	2002-2004
	Co-Director, IV year Required Internal Medicine Clerkship <i>Monthly students orientation, organizing small groups and monthly exams, recruiting new faculty to serve as preceptors for the outpatient rotation, developing educational material and evaluation/ feedback methods, and briefing/evaluating the faculty (5-6 hrs/wk).</i>	2001-Present
	Associate Director, II Year Fundamentals of Clinical Medicine (FCM) <i>Organizing lectures and small groups, compiling and editing the syllabi, proctoring the exams (5-6 per yr), and addressing student problems (2-3 hrs/wk).</i>	2001-2003
	Director, Comprehensive Clinical Competencies Exam (CCCE) <i>Administration of CCCE for the entire III Year class before starting their IV Year.</i>	2003-Present
	Chairman, Comprehensive Clinical Competencies Exam Committee (CCCE) <i>Clinical case development, coordination of UT faculty work, Baylor faculty meetings,</i>	2002-Present

COMMITTEE AND ADMINISTRATIVE SERVICE: (cont'd)

	<i>training of standardized patients, implementation of pilot as well as final exam, development of grading criteria (3-4 hrs/wk).</i>	
Member, Competencies and Assessment Committee		2003-Present
	<i>Development of a consensus among UT faculty of the required clinical competencies for students at the time of graduation (2 hrs/mth).</i>	
Member, Evaluation & Remediation Committee		2003-Present
	<i>Development of new student evaluation methods for faculty and development of effective remediation strategies for students with poor clinical skills (2 hrs/mth).</i>	
Member, Curriculum Committee		2002-Present
	<i>Active participation in curriculum development and changes at the Medical School (2 hrs/mth).</i>	
Member, Vision Committee		2002-Present
	<i>Development of future strategies to achieve excellence in medical education (2 hrs/mth).</i>	
Member, Faculty Senate		2000-2002, & 2003-Present
Member, Continuing Medical Education Committee		2000-2003
Member, Level 1 Resident Selection Committee		2000-Present
	<i>Weekly interviews of applicants (3-4) to the residency program during the interview season.</i>	
Member, Student Selection Committee		2000-2001
Member, Ad Hoc Committee on Standard Clinical Operating Procedure		1999-2000
BAYLOR COLLEGE OF MEDICINE HOUSTON, TEXAS	Member, Advisory Board for Baylor College of Medicine/Whitehall-Robins project on low back pain and URI	1999-2000

COMMITTEE AND ADMINISTRATIVE SERVICE (cont'd):

Member, Grievance Committee	1999
Co-Director and Scientific Advisor – Cardiovascular Educational Program for Foreign Physicians	1998-1999
Member, Extended Educational Committee Department of Medicine	1998
Member, Resident Advisory Committee Department of Medicine	1998
Member, Level I Resident Selection Committee Department of Medicine	1997

TEACHING RESPONSIBILITIES:

Didactic course work:	Comprehensive Clinical Competency Exam (CCCE) UT-Houston Medical School <i>Clinical case development, coordination of UT faculty work, Baylor faculty meetings, training of standardized patients, implementation of pilot as well as final exam, development of grading criteria. (3-4 hrs/week)</i>	2002-Present
	Combined Medicine/Epidemiology Class Facilitator for IV Year Medical Students UT-Houston Medical School <i>Weekly two hour small group (12-15 students) sessions to guide students through clinical reasoning exercises and to review IM topics.</i>	2001-Present
	Problem Based Learning Preceptor for II Year Medical Students UT – Houston Medical School <i>One to two blocks per year, eight weeks each block; involving 6+ hours per week of small group (12-15 students) interaction with students, preparation to teach the PBL cases, and time to debrief and evaluate the students' performance.</i>	2000-2003
	Physical Diagnosis Course Preceptor II Year Medical Students UT – Houston Medical School <i>Small group (3-4 students) meeting weekly for</i>	

TEACHING RESPONSIBILITIES (cont'd):

<i>four hours, six to eight weeks for direct teaching of history taking skills, physical examination skills, presentation skills, and writing skills.</i>	2000-Present
Clinical Performance Examination Department of Medicine UT – Houston Medical School <i>Monthly exam administration, three or four three hour sessions, to proctor and evaluate IV year medical students' clinical skills (20 students per month).</i>	1999-Present
Statewide General Internal Medicine Preceptorship Program Houston, TX <i>Supervision of first year medical students in the ambulatory care clinic</i>	2000-2001
Preceptor, Physical Diagnosis Course Department of Medicine Baylor College of Medicine Houston, TX	1999-2000
Teaching Assistant Molecular Genetics Course University of Milano Milano, Italy	1988-1989
Teaching Assistant Human Genetic Course Department of Biology and Genetics University of Milano Milano, Italy	1988-1989
Teaching Lectures/ Presentations:	
Internal Medicine Grand Rounds - “Molecular Basis of Type I Hyper- Lipoproteinemia”	May 2005
Basic Electrocardiography Fundamentals of Clinical Medicine Course II year medical students UT-Houston Medical School	2002-Present

TEACHING RESPONSIBILITIES (cont'd):

Primary and Secondary Causes of Hypertension III year medical students Junior Core Curriculum UT-Houston Medical School	2000-Present
Clinical Evaluation of the Hypertensive Patient III year medical students Junior Core Curriculum UT-Houston Medical School	2000-Present
Heart Disease and Prevention UCP-UT-Houston Educational Program for the Public	April 2000
NJC VI Guidelines for Prevention, Diagnosis and Treatment of Hypertension Cardiovascular Education Program for Foreign Physicians, Baylor College of Medicine, Houston, TX	April- June 2000-2001
Screening and Treatment Guidelines for Common Medical Problems, OB/GYN Board Review Course	March 2000
Women and Heart Disease Baylor College of Medicine, Houston, TX	April 1999
Health Care in the United States Cardiovascular Education Program for Foreign Physicians, Baylor College of Medicine, Houston, TX	1998-1999
Anagrelide in Essential Thrombocytopenia Citywide Hematology Conference Baylor College of Medicine, Houston, TX	1997
Incidence of Staphylococcus aureus infections in a hospitalized patient population Citywide Infectious Disease Conference Baylor College of Medicine, Houston, TX	1996
PATENTS AND CURRENT STUDIES:	
United States Letters Patent No. 60967 "Liposome-Mediated Transfection of Central Nervous System Cells	2000

PATENTS AND CURRENT STUDIES: (cont'd)

Medical Student Clinical Skills Assessment
And Remediation
The University of California-San Francisco 2005

IMProved Reduction of Outcomes: Vytorin
Efficacy International Trial - IMPROVE IT
UT-Houston Medical School 2006

PROFESSIONAL DEVELOPMENT

“Curriculum Design: Asystematic approach to medical
Instruction” Mini-Fellowship
Baylor College of Medicine
Houston, TX Feb-May 2006

“Teaching on the Job” Mini-Fellowship June 2004
Baylor College of Medicine
Houston, TX

The Master Teachers Fellowship Program (MTFP)
Baylor College of Medicine/UT Houston 2001-2003

CDIM National Meeting
Portland, OR Oct. 2005
Nashville, TN Oct. 2004
Savannah, GA Oct. 2003
Washington, DC Oct. 2002

AAMC Early Career Women Faculty
Professional Development Seminar
Santa Fe, NM Dec. 2002

Certificate in Business Administration
University of Houston Clear Lake,
Houston, TX 2000-2001

Management for the Healthcare Professional,
Rice University Executive Education Program,
Houston, TX Jan./Feb. 2000

Management in the Changing World of
Healthcare, Rice University Executive
Education Program, Houston, TX March 1999

RESEARCH PUBLICATIONS:

Abstracts/Presentations:

1. **F. Faustinella**, S. Stioui, L. Larizza, Chromosomal instability and C-band polymorphisms in a family with recurrence of tumors and congenital malformations, Abstract p. 215, Meeting of late onset genetic pathology, Siena, Italy, 26-28 October 1987.
2. **Faustinella F.**, Chang A., Van Biervliet J.P., Rosseneu M., Vinaimont N., Smith L.C., Chen S.H., and Chan L., Catalytic triad residue mutation (Asp 156-Gly) causing familial lipoprotein lipase deficiency: co-inheritance with a nonsense mutation (Ser 447-Ter) in a Turkish family. ASP/ASCI/AFCR Annual Meeting, Seattle, Washington, May 4-6, 1991.
3. **F. Faustinella**, L.C. Smith, and L. Chan, Structure-function relationship of human lipoprotein lipase, American Heart Association, 64th Scientific Session, Anaheim, California, Nov. 11-14, 1991.
4. K.I. Oka, C. Semenkovich, **F. Faustinella**, I.J. Goldberg, N. Schacter, P. Herbert, P.D. Thompson, L.C. Smith, and L. Chan. Identification of compound heterozygotes for lipoprotein lipase deficiency in three unrelated families, American Heart Association, 64th Scientific Session, Anaheim, California, Nov. 11-14, 1991.

Original Manuscripts

1. **Faustinella F**, Larizza L. Chromosomal instability and genetic predisposition to cancer. *Acta Oncologia*, 8:4:229-237, 1988.
2. **Faustinella F**, Guerra P, Larizza L. Lack of rearrangement of chromosome 22 in lymphocytes of patients with bilateral acoustic neurofibromatosis. *Cancer Genetics and Cytogenetics*, 39:1:137-138, 1989.
3. Magnani I, **Faustinella F**, Nanni P, Nicoletti G, Larizza L. Karyotypic characterization of a new human embryonal rhabdomyosarcoma cell line. *Cancer Genetics and Cytogenetics*, 54:1:83-89, 1991.
4. **Faustinella F**, Smith CL, Semenkovich CF, Chan L. Structural and functional role of highly conserved serines in human lipoprotein lipase: evidence that serine 152 is essential for enzyme catalysis. *Journal of Biological Chemistry*, 266: 9480-9485, 1991.
5. **Faustinella F**, Chang A, Van Biervliet JP, Rosseneu M, Vinaimont N, Smith LC, Chen SH, Chan L. Catalytic triad residue mutation (Asp 156-Arg) causing familial lipoprotein lipase deficiency: co-inheritance with a nonsense mutation (Ser 447-Ter) in a Turkish family. *Journal of Biological Chemistry*, 266: 14417-14424, 1991.
6. Oka KI, **Faustinella F**, Kihara S, Smith LC, Oka K, Chan L. A Missense Mutation (Trp 86-Arg) in Exon 3 of the Lipoprotein Lipase Gene: a cause of familial chylomicronemia. *American Journal of Human Genetics*, 50: 1275-1280, 1992.

RESEARCH PUBLICATIONS: (cont'd)

7. Oka KI, Semenkovich CF, **Faustinella F**, Goldbert IJ, Shachter N, Smith LC, Coleman T, Hide WA, Brown WV, Oka K, Chan L. A Missense (Asp 250-Asn) Mutation in the Lipoprotein Lipase gene in two unrelated families with familial lipoprotein lipase deficiency. *Journal of Lipid Research* 33: 745-754, 1992.
8. **Faustinella F**, Smith LC, Chan L. Lipase: three-dimensional structure and mechanism of action. *Current Opinion in Structural Biology*. 2:4:490-496, 1992.
9. Smith LC, **Faustinella F**, Chan L. Lipases: three-dimensional structure and mechanism of action. *Current Opinion in Structural Biology*, 2:4:490-496, 1992.
10. Reiner O, Carozzo R, Shen Y, Wehnert M, **Faustinella F**, Dobywns WB, Caskey CT, Ledbetter DH, 1993. Isolation of a Miller-Dicker lissencephaly gene containing G protein B-subunit like repeats. *Nature* 364: 717-721, 1993.
11. **Faustinella F**, Kwon H, Serrano F, Belmont JW, Aguilar-Cordova E. A new family of retroviral vectors with extended multiple cloning sites for gene insertion. *Human Gene Therapy*, 5:3:307-312, 1994.
12. Yang K, **Faustinella F**, Xue JJ, Whitson F, Kampfl A, Mu XS, Zhao X, Tagliatela G, Perez-Polo Jr, Clifton G, et al. Optimizing liposome-mediated gene transfer in primary rat septo-hippocampal cell cultures. *Neuroscience Letters*, 182:2:287-290, 1994.
13. Yang K, **Faustinella F**, Xue JJ, Whitson F, Kampfl A, Mu XS, Zhao X, Tagliatela G, Perez-Polo Jr, Clifton G, et al. Sustained expression of functional nerve growth factor in primary septo-hippocampal cell cultures by liposome-mediated gene transfer. *Neuroscience Letters*, 182:2:291-294, 1994.
14. Sacchi N, Nisson PE, Watkins PC, **Faustinella F**, Wijsman J, Hagemeyer A. AML1 fusion transcripts in t (3;21) positive leukemia: evidence of molecular heterogeneity and usage of splicing sites frequently involved in the generation of normal AML1 transcripts. *Genes, Chromosomes, and Cancer*, 11:4:226-236, 1994.
15. Hayes RL, Yang K, Whitson JS, Xue JJ, Kampfl A, Mu XS, Zhao X, **Faustinella F**, Clifton GL. Research of injury-induced neurofilament loss by BDNF gene transfection in primary septo-hippocampal cell cultures. *Neuroscience Letters*, 191:1-2:121-125, 1995.
16. **Faustinella F**, Uzoh C, Ahmad D, Truong L, Olivero JJ. Glomerulomegaly and Proteinuria in a Patient with Idiopathic Pulmonary Hypertension. *Journal of the American Society of Nephrology*, 1966-1970, 1997.
17. Laborde-Lahoz P, Nguyen J, **Faustinella F**. African-American patient presenting with non-oliguric, end-stage renal disease. Accepted for publication in *Patient Care*, 2006.

Book Chapters:

1. Chan L, **Faustinella F**, Semenkovich C, Smith L. Human Lipoprotein Lipase: important role of a specific N-linked glycosylation site and specific serines in secretion and enzyme activity. In: Lipases: Structure, Mechanism and Genetic Engineering. VCH Publishers West Germany, 16:303-309, 1991.
2. Smith LC, **Faustinella F**, Semenkovich CF, Chan L. Structure-function relationship in lipoprotein lipase. In: Proceedings of the 9th International Symposium on Atherosclerosis, R&L Creative Communications Ltd., 275-279, 1992.
3. Smith LC, Knapp RD, **Faustinella F**, Chan L. Structural features that determine the functional properties of human lipoprotein lipase. In: Drugs affecting lipid metabolism, Catapano AL, et al, (eds), Kluwer Academic Publishers, 1993.
4. Yang K, Perez-Polo R, **Faustinella F**, Tagliatela G, Hayes RL. In Vitro Studies of Liposome-Mediated Gene Transfection. Paradigms of Neural Injury, 1996.

Editorial Work

1. Invited review of: Microcompetition with Foreign DNA and the Origin of Chronic Disease. Hanan Polansky, CBCD Publishing, Rochester NY, 2003

PRESENTATIONS IN EDUCATION:

1. Medical Problem Solving: An Analysis of Clinical Reasoning. Master Teacher Fellowship Program, Baylor College of Medicine, Houston, TX. December 2002.
2. Medical Students Performance in the IV Year Exit Exam: Effect of Remediation on Clinical Skills. Colloquium/Master Teacher Fellowship Program, Baylor College of Medicine, Houston, TX. January 2003.
3. Medical Students Performance in the IV Year Exit Exam: Effect Remediation on Clinical Skills (Revised). Teaching and Learning Seminar, UT-Houston Medical School, Houston, TX. March 2003.
4. Remediation Strategies in Student's Clinical Performance. Teaching and Learning Seminar, UT-Houston Medical School, Houston, TX. February 2004.
5. Medical student's performance in the IV year exit exam: effect of clinical reasoning exercises, self-observation on tape, and faculty feedback on clinical skills. UT-School of Health Information Technology, Houston, TX. October 2004.
6. Use of Standardized Patients to Assess Students' Performance in the IV Year Exit Exam: Effect of Remediation on Clinical Skills. Innovations in Medical Education, The University of Texas System, Austin, TX. October 2004.

PRESENTATIONS IN EDUCATION:

7. The new Comprehensive Clinical Competencies Exam (CCCE): Third Year Medical Students Performance in the Large Academic Centers. *Advances in Reading and Learning*, The University of Texas Medical School-Houston, Houston, TX. May 2005.
8. Clinical Reasoning and Professionalism in the Practice of Medicine. Rice Faculty Club, Houston, TX. October 2005.

MANUSCRIPTS & BOOKS IN EDUCATION:

1. **Faustinella F**, Orlander PR, Colletti-Mann LA, Juneja HS, Perkowski LC. Remediation Strategies and Students' Clinical Performance. *The Medical Teacher*, Vol. 26, 7:664-665, 2004
2. **Faustinella F**, Orlander PR, Colletti-Mann LA, Juneja HS, Perkowski LC. Medical Students' Performance in the IV Year Exit Exam: Effect of Clinical Reasoning Exercises, Self-Observation on Tape, and Faculty Feedback on Clinical Skills. *JIAMSE*, 14:41-45, 2004
3. Toy E, Patlan J, Cruse E, **Faustinella F**. *Case Files: Internal Medicine*. Lange Medical Books/McGraw-Hill 2004.