

CURRICULUM-VITAE

Name:

Edward J. Peters, M.D., FAAAAI

Present Title and Affiliation:

Physician
Allergy and Asthma Consultants, L.L.P.

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Austin, TX 78705

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Education

Undergraduate Degree:

Muhlenberg College Allentown, PA	1972-1973
Catholic University of America Washington, D.C.	1973-1976 BA Biology
University of Texas Medical Branch Galveston, Texas	1976-1980 MD Medicine

Postgraduate Training:

Internship University of Texas Medical Branch Galveston, Texas	1980-1981 Internal Medicine
Residency University of Texas Medical Branch Galveston, Texas	1981-1983 Internal Medicine

Specialty Boards:

American Board of Internal Medicine Diplomate	1983
Board Certified Pulmonary Medicine	1988

Board Certified Critical Care Medicine	1991-2001
Board Certified Allergy and Immunology	1999-2019

Military or Government Service:

None

Academic and Professional Appointments:

Clinical Instructor for the School of Allied Health, University of Texas Medical Branch, Galveston, Texas	1982-1983
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Kempner Research Fellow in Metabolism University of Texas Medical Branch, Galveston, Texas	1983-1985
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Clinical Fellow in Pulmonary Medicine, University of Texas Medical Branch, Galveston, Texas	1985-1986
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Assistant Professor, Division of Pulmonary Medicine and Director Outpatient Pulmonary Medicine Clinic, University of Texas Medical Branch, Galveston, Texas	1986-1988
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Assistant Professor, Assistant Internist University of Texas M.D. Anderson Cancer Center, Houston, Texas	1988-1992
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Pulmonologist and Critical Care Physician Director of Respiratory Therapy Austin Diagnostic Clinic Austin, Texas	1992-1997
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Fellow in Allergy and Immunology Asthma and Allergic Diseases Center University of Virginia Charlottesville, Virginia	1997-1999
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Staff Physician in Allergy and Immunology Brackenridge Hospital Austin, Texas	2003-Present
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Clinical Associate Professor of Medicine Allergy Division University of Texas Southwestern	6/25/10-6/24/13
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Honors and Awards:

Clinical Associate Physician, General Clinical Research Center	1986-1988
DuPont Pharmaceuticals/ACCP Young Investigators Award	1991

Society Membership with Office Held:

Sigma XI Society	1972-1980
American Thoracic Society, Active Member	1986
Texas Thoracic Society, Member	1986-1998, 2002
Travis County Medical Society, Member	1992
Texas Medical Association, Member	1988
Fellow American College of Chest Physician	1989-1999
American Medical Association, Member	1992-1998
National Association of Medical Directors of Respiratory Care	1995-1998
Member American Academy of Allergy, Asthma and Immunology	1998-2006
Fellow American Academy of Allergy, Asthma and Immunology	2006
Member American College of Allergy and Immunology	1999
Texas Allergy, Asthma, and Immunology Society Member	2003

Present Hospital Affiliations (Consulting Staff):

St. David's Hospital, Austin Tx
Seton Hospital and Brackenridge Hospital, Austin Tx

Committee Responsibilities:

Internal Medicine Quality Assurance Committee Brackenridge Hospital, Member	1993-1996
Board of Directors Austin Diagnostic Clinic	1994-1997
Medical Director AxxonMed.Com Washington, DC	1999-2002
Texas State Board Medical Examiners Expert Panel Member Austin, Texas	2004-2009

Research Responsibilities:

National Institute of Health NIADDK: "The Relationship Between Amino Acid Kinetics and Urea Production in Man." May 1, 1985 – March 31, 1988. Principal Investigator: R.R. Wolfe

Clinical Associate Physician Award: General Clinical Research Center; “In Vivo Studies on the Regulation of Lipolysis Using Stable Isotopes”, July 1, 1986 – July 1, 1988. Principal Investigator: Edward Peters

National Institute of Health NIADDK: “The Insulin Resistance of Acanthosis Nigrans”. December 1, 1984 – November 30, 1987; Principal Investigator: C.A. Stuart

National Aeronautics and Space Administration: NAG-172: “The Mechanism of Disuse Muscle Atrophy”. September 1, 1986 – August 31, 1989; Principal Investigator: C.A. Stuart

BIBLIOGRAPHY

Published Articles:

- Richards, G. E., Cavallo, A., Meyer, W. J. III, Prince, M. J., Peters, E. J., Stuart, C. A., and Smith, E. R. Obesity, acanthosis nigricans, insulin resistance and hyperandrogenemia: pediatric perspective and natural history. *J. Pediatr.* 107: 893-897, 1985.
- Stuart, C. A., Peters, E. J., Prince, M. J., Richard, G., Cavallo, A., and Meyer, W. J. III. insulin resistance with acanthosis nigricans: the roles of obesity and androgen excess. *Metabolism*, 35: 197-205, 1986.
- Peters, E. J., Stuart, C. A. and, Prince, M. J. Acanthosis nigricans and obesity: intrinsic and acquired defect in insulin action. *Metabolism*, 35: 807-813, 1986.
- Prince, M. J., Peters, E. J., and Stuart, C. A. Functional characteristics of decreased insulin receptors on fibroblasts obtained from a subject with severe insulin resistance and acanthosis nigricans. *Diabetes*, 35: 148-154, 1986.
- Stuart, C. A., Prince, M. J., Peters, E. J., Smith, F. E., Townsend, C. M., and Poffenbarger, P. L. Insulin receptors proliferation: A mechanism for tumor associated hypoglycemia. *J. Clin. Endocrinol. Metab.*, 63: 879-885, 1986.
- Wolfe, R. R., Herndon, D. N., Peters, E. J., Jahoor, F., Desai, M. H., and Holland, B. Regulation of lipolysis in severely burned children. *Annal. Surg.*, 206: 214-221, 1987.
- Wolfe, R. R., Peters, E. J., Klein, S., Holland, B., Rosenblatt, J., and Howard, G. Effect of short-term fasting on lipolytic responsiveness to epinephrine infusion in normal and obese human subjects. *Am. J. Physiol.*, 252: E189-E196, 1987.
- Stuart, C., Prince, M., Peters, E. J., and Meyers, W. Hyperinsulinemia and Hyperandrogenemia: androgen response to insulin infusion. *Obstet. Gynecol.*, 69: 921-925, 1987.
- Peters, E. J., and Boyars, M. C. Arterial air embolism following a percutaneous needle lung aspiration. *J. Hyperbaric. Med.*, 1: 151-155, 1987.
- Wolfe, B. M., Peters, E. J., Schmidt, B. F., and Wolfe R. R. Effects of elevated FFA on glucose oxidation in normal man. *Metabolism*, 37: 323-329, 1988.
- Miyoshi, H., Shulman, G. I., Peters, E. J., Elahi, D., and Wolfe, R. R. Hormonal control of substrate cycling in humans. *J. Clin. Invest.*, 81: 1545-1555, 1988.
- Stuart C. A., Shangraw, R. E., Prince, M. J., Peters, E. J., and Wolfe, R. R. Bedrest-induced insulin resistance occurs primarily in muscle. *Metabolism*, 37: 802-806, 1988.
- Shangraw, R. E., Stuart, C. A., Prince, M. J., Peters, E. J., and Wolfe, R. R. Insulin responsiveness of protein metabolism in man following bedrest. *Am. J. Physiol.* 255: E548-E558, 1988.

- Klein, S., Peters, E. J., Holland, O. B., Wolfe, R. R. Effect of short-term and long-term beta-adrenergic blockade on lipolysis during fasting in humans. *An. J. Physiol.* 257: E65-E73, 1989.
- Stuart, C. A., Pietrzyk, R. A., Peters, E. J., Smith, F. E., and Prince, M. J. Autophosphorylation of cultured skin fibroblast insulin receptors from patients with severe insulin resistance and acanthosis nigricans. *Diabetes*, 38(3); 328-32, 1989.
- Stuart, C. A., Pate, C. J., and Peters, E. J. The prevalence of acanthosis nigricans in an unselected population. *Am. J. Medicine*, 87: 269-272, 1989.
- Jahoor, F., Peters, E. J., and Wolfe, R. R. The relationship between gluconeogenic substrate supply and glucose production in humans. *Am. J. Physiol.*, 258: E288-296, 1990.
- Lippman, S. M., Peters, E. J., Wargovich, M. J., Stadnyk, A. N., Dixon, D. O., Dekmezian, R. H., Loewy, J. W., Morice, R.C., Cunningham, J. E., and Hong, W. K. Bronchial micronuclei as a marker of an early stage of carcinogenesis in the human tracheobronchial epithelium. *Int. J. Cancer*, 45: 811-15, 1990.
- Stuart, C. A., Shangraw, R. E., Peters, E. J., and Wolfe, R. R. The effect of dietary protein on bedrest-related changes in whole body protein synthesis. *Am. J. Clin. Nutr.*, 52: 509-14, 1990.
- Lippman, S. M., Peters, E. J., Wargovich, M. J., Dixon, D. O., Dekmezian, R. H., Cunningham, J. E., Loewy, J. W., Morice, R. C., Hong, W. K. The evaluation of micronuclei as an intermediate endpoint of bronchial carcinogenesis. *Prog. Clin. Biol. Res.*, 339: 165-177, 1990.
- Goran, M. I., Peters, E. J., Herndon, D. N., and Wolfe, R. R. Total energy expenditure in burned children using the doubly-labeled water technique. *Am. J. Physiol.* 259: E576-85, 1990.
- Klein, S., Peters, E. J., Shangraw, R. E., Wolfe, R. R. Lipolytic response to metabolic stress in critically ill patients. *Crit. Care Med.* 19: 776-779, 1991.
- Goran, M. I., Broemeling, L., Herndon, D. H., Peters, E. J., Wolfe, R. R. Estimating caloric requirements in burned children: A new approach derived from measurements of resting energy expenditure. *Am. J. Clin. Nutr.* 54: 35 - 40, 1991.
- Peters, E. J., Morice, R. Miliary pulmonary infection caused by mycobacterium terrae in an autologous bone marrow transplant patient. *Chest* 100:(2) 1449-50, 1991.
- Peters, E. J., Klein, S., Wolfe, R. R. Effect of short-term fasting on the lipolytic response to theophylline. *Am. J. Physiol.* 261:E500-4, 1991.
- Morice, R. C., Peters, E. J., Ryan, B., Putnam, J. B.1 Ali, M. K., Roth, J. A. Exercise testing in the evaluation of patients at high risk for complications from lung resection. *Chest* 101: (2) 356-361, 1992.
- Peters, E. J., Morice R., Benner S.E., Lippman S., Lukeman J., Lee J.S., Ro J.Y., Hong W.K. Squamous Metaplasia of the bronchial mucosa and its relationship to smoking. *Chest* 103(5):1429-32, 1993.

- Lee J.S., Lippman S.M., Benner S.E., Lee J.J., Ro J.Y., Lukeman J.M., Morice, R.C., Peters E.J., Pang A.C., Fritsche H.A. Jr, et al. Randomized place-controlled trial of isotretinoin in chemoprevention of bronchial squamous metaplasia. *Journal of Clinical Oncology*. 12(5):937-45, 1994.
- Crater, S.E. Peters, E.J., Phillips, C.D., Platts-Mills, T.A.E. Prospective analysis of sinus CT findings in acute asthma exacerbations. *Am J Roentgenol* 173(1): 127-31, 1999.
- Crater, S.E., Peters, E.J., Murphy A.W., Platts-Mills T.A.E. Expired nitric oxide and airway obstruction in asthmatics with an acute exacerbation. *Am J Respir Crit Care Med* 1999;159:806-811.
- Peters E, Crater S, Philips CD, Wheatley LM, Platts-Mills T. Sinusitis and acute asthma in adults. *Int Arch Allergy Immunol* 118(2-4):372-4, 1999.
- Schlosser, R.J., Spotnitz, W.D., Peters, E.J., Fang, K., Gaston, B., Gross, C.W. Elevated nitric oxide metabolite levels in chronic sinusitis. *Otolaryngol Head Neck Surg* 123(4): 357-62, 2000.
- Peters E.J., Hatley T.K., Crater S.E., Phillips C.D., Platts-Mills T.A.E., Borish L. Sinus computed tomography scan and markers of inflammation in vocal cord dysfunction and asthma. *Ann Allergy Asthma Immunol* 90: 316-22, 2003.
- Nakazawa T, Satinover SM, Naccara L, Goddard L, Dragulev BP, Peters E, Platts-Mills TA. Asian ladybugs (*Harmonia axyridis*): a new seasonal indoor allergen. *J Allergy Clin Immunol*. 2007 Feb;119(2):421-7.
- Platts-Mills TA, Satinover SM, Naccara L, Litonjua AA, Phipatanakul W, Carter MC, Heymann PW, Woodfolk JA, Peters EJ, Gold DR. Prevalence and titer of IgE antibodies to mouse allergens. *J Allergy Clin Immunol*. 2007 Nov;120(5):1058-64.

Abstracts Published:

- Peters, E. J., Stuart, C. A., and Prince, M. J. Insulin resistance with hirsutism and acanthosis nigricans: treatment by diet. *Clin. Res.*, 31: 852A, 1983.
- Stuart, C. A., Peters, E. J., Prince, M. J., Richards, G. E., Cavallo, A., and Meyer, W. J. The insulin resistance of hirsutism with acanthosis nigricans. *Clin. Res.*, 31: 853A, 1983.
- Prince, M. J., Peters, E. J., and Stuart, C. A. Insulin receptor defects on cultured fibroblasts from subjects with insulin resistance, hirsutism, and acanthosis nigricans. *Clin. Res.*, 31: 852AI 1983.
- Richards, G. Q., Cavallo, A., Meyer, W. J. Peters, E. J., Stuart, C. A., and Prince, M. J. Acanthosis nigricans, obesity, insulin resistance and hyperandrogenemia: natural history and pediatric perspective. *Society for Pediatric Res.*, 1984. (National Meeting, San Francisco).
- Stuart, C. A., Peters, E. J., Prince, M. J., Richards, G. E., Cavallo, A., and Meyer, W. J. The insulin resistance of hirsutism with acanthosis nigricans. *Clin. Res.*, 31: 853A, 1983.
- Peters, E. J., Stuart, C. A., and Prince, M. J. The syndrome of insulin resistance, acanthosis nigricans, hirsutism and obesity: response to diet. *Clin. Res.*, 32: 405A, 1984.

- Prince, M. J., Peters, E. J., and Stuart, C. A. Insulin receptor defects on cultured fibroblasts from subjects with insulin resistance, hirsutism, and acanthosis nigricans. *Clin. Res.*, 31: 852A, 1983.
- Prince, M. J., Peters, E. J., and Stuart, C. A. Functional characteristics of decreased insulin receptors on fibroblasts obtained from a subject with severe insulin resistance and acanthosis nigricans. *Clin. Res.*, 32: 851A, 1984.
- Stuart, C. A., Prince, M. J., Peters, E. J., Smith, F. E., and Poffenbarger, P.L. Tumor associated hypoglycemia: proliferation of insulin receptors as a new mechanism. *Clin. Res.*, 32: 852A, 1984.
- Peters, E. J., Klein, S., Holland, O. B., and Wolfe, R. R. Enhanced sensitivity of epinephrine induced lipolysis in normal male subjects following starvation. *Clin. Res.*, 32: 850A, 1984.
- Peters, E. J., Stuart, C. A., and Prince, M. J. Insulin resistance of acanthosis nigricans and obesity. *Clin. Res.*, 33: 442A, 1985.
- Prince, M. J., Peters, E. J., and Stuart, C. A. Functional characteristics of insulin receptors on fibroblasts obtained from a subject with insulin resistance (IR) and acanthosis nigricans (AN). *Diabetes* 34: Suppl. 1, 161A, 1985.
- Stuart, C. A., Prince, M. J., Peters, E. J., Smith, F. E., and Poffenbarger, P. L. Proliferation of insulin receptors causing hypoglycemia in a patient with colon carcinoma. *Diabetes* 34: Suppl. 1, 163A, 1985.
- Peters, E. J., Herndon, D. N., Goodenough, R. D., and Wolfe, R. R. Elevated rate of lipolysis in burn subjects. *Circ. Shock*, 16: 40A, 1985.
- Wolfe, R. R., Peters, E. J., Desai, M. H., and Herndon, D. N. Lipolytic responsiveness in severely burned children. *American Burns Association*, September 1985.
- Wolfe, R. R. and Peters, E. J. In vivo effect of glucose infusion on lipolysis and reesterification in normal volunteers. *Fed. Proc.* 45: 4166A, 1986.
- Wolfe, R. R., Jahoor, F., Peters, E., Herndon, D. N., Desai, M. H., Myoshi, M., Rutan, T., and Wolfe, M. H. Substrate cycling in severely burned patients. 9th Annual Conference on Shock, Scottsdale, AZ., 1985.
- Stuart, C. A., Shangraw, R. E., Prince, M. J., Peters, E. J., and Wolfe, R. R. Bedrest-induced insulin resistance occurs primarily in muscle. *Clin. Res.*, 35: 517A, 1987.
- Stuart, C. A., Shangraw, R. E., Prince, M. J., Peters, E. J., and Wolfe, R. R. Insulin regulation of protein catabolism induced by bedrest. *Diabetes*, 36: Suppl 1, 184A, 1987.
- Wolfe, R. R., Jahoor, F., Herndon, D. N., and Peters, E. J., Amino acid and urea kinetics in severely burned children assessed by means of stable isotopic tracers. 7th International Congress on Burn Injuries, Melbourne, Australia, 1986.
- Goran, M. I., Peters, E. J., Herndon, D. N., and Wolfe, R. R., Application of the doubly labeled water method for measuring total energy expenditure in burned children. *FASEB*, 2: 504A, 1988.

- Jahoor, F., Peters, E. J., and Wolfe, R. R. Gluconeogenic precursor supply and glucose production. Submitted FASEB, 2: 505A, 1988.
- Klein, S., Peters, E. J., Holland, O. B., and Wolfe, R. R. Beta adrenergic regulation of lipolysis during fasting in humans. Clin. Res. 36: 357A, 1988.
- Peters, E. J., Klein, S., Shangraw, R., and Wolfe, R. R. Stimulatory effects of theophylline on lipolysis in humans. Clin. Res. 36: 357A, 1988.
- Lippman, S. M., Peters, E. J., Wargovich, M. J., Dixon, D. O., Dekmezian, R. H., Morice, R. C., and Hong, W. K. Bronchial micronuclei as a marker of an "early" intermediate endpoint of carcinogenesis in the tracheobronchial epithelium, AACR, Proceedings, 30:231A, 1989.
- Lippman, S., Lee, J., Peters, E., Ro, J., Wargovich, M., Morice, R., Hittelman, W., and Hong, W. Expression of proliferating cell nuclear antigen (PCNA) correlates with histologic stage of bronchial carcinogenesis. Presented Minisymposium AACR, Vol. 31, 1990. Abstract 999.
- Pate, C. J., Peters, E. J., and Stuart, C. A. The prevalence of acanthosis nigricans in an unselected population. Diabetes, 38, Suppl 2, 146A, 1989.
- Peters, E., Beck, J., and LeMaistre, C. Changes in resting energy expenditure (REE) during allogeneic bone marrow transplantation (ABMT). ASCN, December 1989.
- Goran, M. I., Peters, E. J., Broemling, L., and Wolfe, R. R. New equations for predicting energy requirements in burned children based on direct measurement of energy expenditure. ASCN, December 1989.
- Morice, R. C., Peters, E. J., Ryan, M. B., Putnam, J. B., Ali, M. K., and Roth, J. A. Exercise testing in the evaluation of patients at high risk for lung resection. Chest, 98:2, 54S, 1990.
- Ro, J. Y., Lee, J. S., Peters, E. J., Morice, R. C., Sahin, A. Cweren, R., Dekmezian, R., Lukeman, J., Lippman, S. M., Hong, W. K. A comparative study of squamous metaplasia (SM) in multisite bronchial biopsies and sputum cytology. Submitted ASCO, December, 1990.
- Peters, E. J., Katz, R. L., Alapat, C., Castilleja, R., Reuben, J., Ordonez, N., and Morice, R. C. Lymphocyte enumeration and subset evaluation in bronchoalveolar lavage (BAL) in drug-induced pneumonitis: Evidence for an immunologically-mediated disorder. Presented at American Society of Cytology, November, 1990.
- Peters, E. J., Crater, S. E., Phillips, C. D., Murphy, A. W., Platts-Mills, T., A., E. Occult sinusitis in patients with an acute exacerbation of asthma. JACI 101:A1050, 1998.
- Peters, E. J., Crater, S. E., Phillips, C. D., Murphy, A. W., Platts-Mills, T., A., E. Exhaled nitric oxide during acute exacerbations of asthma. AJRCCM 157:A626, 1997.
- Murphy, A.W., Peters, E. J., Crater, S. E., Platts-Mills, T., A., E. Soluble IL-2 Receptor (sIL2R) in the serum and nasal washings of patients with asthma and sinusitis. JACI, 101:A596, 1998.

- Canady, R., Murphy, A., Peters, E., Platts-Mills, T., A., E., Gaston B. Advantages of vital capacity collection over online measurement of childhood nitrosopnea. *ARCCM* 157:A37, 1997.
- McLaughlin, T.E., Crater, S.E., Peters, E.J., Phillips, C.D., Platts-Mills, T.A.E. Correlation of nasal IL-8 to sinus CT findings in acute asthmatics in the Emergency Department. Submitted ACAI, Philadelphia, 1998.
- Peters, E.J., Crater, S.E., Phillips, C.D., Platts-Mills, T.A.E. Elevated expired nitric oxide and IgE levels in acute asthmatics with extensive sinus disease. *Euro Resp J* 12:29S, A296, 1998.
- Peters, E.J., Crater, S.E., Phillips, C.D., Platts-Mills, T.A.E. Extensive computerized tomographic sinus abnormalities in random acute asthmatics compared to non-asthmatic controls. *Euro Resp J* 12:29S, A491, 1998.
- Powers PL, Peters EJ, Crater SE, Phillips CD, Wheatley LM, Platts-Mills TAE. Comparison of sinus CT scans, serum IgE, and eosinophil counts in patients with acute asthma, chronic sinus disease, and random controls. *J Allergy Clin Immunol* 1999; 103:S247.
- Peters EJ, Crater SE, McLaughlin TE, Carper HT, Phillips CD, Platts-Mills TAE. Evidence of rhinovirus infection in acute asthmatics. *J Allergy Clin Immunol* 1999;103:S116.
- Peters EJ, Velez SA, Crater SE, Carper HT, Phillips CD, Platts-Mills TAE. Risk factors for acute asthma: Extensive sinus disease, eosinophilia, and elevated exhaled nitric oxide. *Am J Respir Crit Care* 1999;159:A131.
- Hatley T, Peters E, Crater S, McLaughlin T, Platts-Mills TAE, Borish L. Sinus CT and markers of inflammation in vocal cord dysfunction and asthma. *J Allergy Clin Immunol* 2002;109:S253.
- Nakazawa T, Dragulev B, Goddard L, Shannon J, Peters E, Platts-Mills TAE. Purification and Characterization of Allergens From *Harmonia Axyridis* (Asian Lady Beetle): An Evolving Indoor Allergen. *J Allergy Clin Immunol* 2007;119:S104.
- Naccara L, Heymann P, Carter M, Litonjua A, Peters E, Satinover S, Erwin E, Platts-Mills TAE. Prevalence and Titer of Specific IgE Antibodies in Relation to Total Serum IgE: Evaluation of Sensitization to Allergens Derived from Domestic Mice. *J Allergy Clin Immunol* 2007;119:S264.