

Curriculum Vitae

Jay H. Shubrook Jr., D.O. FACOFP, FAAFP
Ohio University College of Osteopathic Medicine
Board Certified – Family Practice
Diabetologist

UMA Diabetes/Endocrine Center
Castrop Center Suite 200
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Athens, OH 45701
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Employment

2010- Interim Program Director, FP Residency O’Bleness Memorial Hospital
2009 Associate Professor of Family Medicine
2006 Director of Clinical Research, OU-COM
2005- Director, Diabetes Fellowship, Ohio University College of Osteopathic
Medicine (OU-COM)
2002-2009 Associate Director of Family Practice Residency, O’Bleness Memorial Hospital
1999-2009 Assistant Professor of Family Medicine, OU-COM

Education/Credentials

1999-2015 Board Certified, Family Practice and OMT, ABOFP
2009- Fellow- American Academy of Family Physicians
2006-2012 ADA/NCQA Physician Recognition for Diabetes Care
2005- Fellow- American College of Osteopathic Family Physicians
2004-2005 Diabetes Management Fellowship, OU-COM/Appalachia Regional Diabetes
Institute
1996-1997 Academic Leadership Fellowship, OU-COM
1992-1994 Pre-doctoral Fellowship in Preventive Medicine/Public Health, OU-COM
1997-1999 Family Practice Residency, Firelands Community Hospital
1996-1997 General Rotating Internship, Firelands Community Hospital
1991-1996 Doctor of Osteopathic Medicine, OU-COM
1985-1989 Bachelor of Arts, Psychobiology, University of California, Santa Cruz

Positions Held

2010 HRSA Advisory Board, ACICBL
2009-2010 Guest Editor, JAOA, DO’s Against DM Supplement
2009- Editor, Osteopathic Family Physician
2008- Member, Editorial Board, Osteopathic Family Physician.
2007- Chair, ACOFP Osteopathic Clinical Research Committee
2007-2008 President, Ohio State ACOFP Board of Trustees
2006-2008 Chief of Family Medicine, O’Bleness Memorial Hospital
2005- Member, ACOFP Osteopathic Clinical Research Committee
2005-2007 Chair, ACOFP/OAFP Symposium on Research and Education
2003-2006 Member, Ohio Academy of Family Physicians Research Committee
2002-2006 Chair, OU-COM Alumni Reunion and CME Conference
2002-2003 Member, OU-COM Strategic Planning Committee
2001- Faculty Advisor, Family Practice Student Association of ACOFP
2001-2004 President of the Board, OU-COM Society of Alumni and Friends
2001-2008 Member, Quality Assurance Committee, O’Bleness Memorial Hospital
2001-2010 Member, Athens County Tuberculosis Board
2001-2002 Member, Athens County Habitat for Humanity Board
2000- Medical Director, Well Works, Ohio University Wellness Program
1997-1999 Chief Resident, Firelands Community Hospital (FCH)

Awards and Honors

2010	AOF /Pfizer National Fit for Life Award
2009	National ACOFP Young Family Physician of the Year
2008	Year 2 PCC Outstanding Clinical Preceptor
2007	Department of Family Medicine Award of Excellence
2007	Outstanding Clinical Presenter OU-COM
2006	Ohio Best Rural Practice Award, Ohio Department of Health
2006	NCQA Physician's Recognition Award for Diabetes Care
2006	Department of Family Medicine Award of Excellence
2005	Gold Crest Honor for Fellow's Paper
2005	Member, Mentor Hall of Fame, American Osteopathic Association
2005	Outstanding Family Physician Award, SE CORE, OU-COM
2005	Outstanding Clinical Preceptor, PCC 1 AND CPC 2 OU-COM
2005	Outstanding Clinical Instructor, CPC 2 OU-COM
2004	Outstanding Family Physician Award, SE CORE, OU-COM
2004	Outstanding Achievement Award, OU-COM/Ohio University Alumni Society
2004	Award of Excellence, OU-COM Department of Family Medicine
2004	First Place, Ohio Osteopathic Association (OOA) Poster Award: Education/Public Health Research
2004	Second Place, Ohio Osteopathic Association (OOA) Poster Award: Clinical Research
2004	Outstanding Clinical Presenter, OU-COM CPC 2
2004	Outstanding ICOM Preceptor, OU-COM Year 1 CPC and PCC
2003	Ohio ACOFP Young Family Physician of the Year
2003	Outstanding Family Physician Award, SE CORE, OU-COM
2003	Outstanding ICOM Preceptor Year 2 PC, OU-COM
2003	Standard of Excellence Award, OU-COM
2002	Outstanding Clinical Faculty Award, OU-COM
2002	Mentor Award Year 1, OU-COM
2002	Mentor Award Year 2, OU-COM
2001	Outstanding Family Physician Award, SE C.O.R.E., OU-COM
2001	Mentor Award Year 1 and 2 CPC, OU-COM
2000	Outstanding Family Physician Award, SE C.O.R.E., OU-COM

Publications

1. **Shubrook JH**, Colucci RA, Guo A, Schwartz, FL. Saxagliptin: A selective DPP-4 inhibitor for the treatment of type 2 diabetes mellitus. *Clinical Medicine Insights: Endocrinology and Diabetes*. 2011; (4) 1-12.
2. Shubrook JH, Snow RJ, McGill SL. Effects of Repeated Use of the American Osteopathic Association's Clinical Assessment Program on Measures of Care for Patients With Diabetes Mellitus. *J Am Osteopath Assoc* 2011;111 13-20
3. Schwartz FL, Vernier SJ, **Shubrook JH**, Marling CR. Evaluating the automated blood glucose pattern detection and case-retrieval modules of the 4 diabetes support system(TM). *J Diabetes Sci Technol*. 2010 Nov 1; 4(6): 1563-1536.
4. Petznick A, **Shubrook JH**, Prevention and treatment of diabetes-related cardiovascular complications. *Primary Care Reports*. 2010, 16 (4):1-11.
5. Wapner A, Bianco J, Long M, Kushnick M, Brannan G, **Shubrook J**. TAKE ACTION: A multidisciplinary lifestyle intervention for families in a rural community. *Childhood Obesity*. 2010; 6(5): 275-281.
6. Meyer D, Wirrig M, Heh V, **Shubrook J**. Co-management of elderly patients with type 2 diabetes: Better adherence to ADA guidelines? *Osteopathic Family Physician*. 2010; 2(6): 160-164.
7. Colucci RA, Silver MJ, **Shubrook J**. Common types of supraventricular tachycardia: Diagnosis and management. *Am Fam Physician*. 2010 Oct 15; 82(8): 942-952.

8. Bayne-Poorman M, **Shubrook J**. Bluish pigmentation of face and sclera. *J Fam Pract*. 2010 Sep; 59(9): 519-522.
9. Petznick AM, **Shubrook JH**. Treatment of specific macrovascular beds in patients with diabetes mellitus. *Osteopath Med Prim Care*. 2010 Aug 11; 4: 5. PMID: PMC2925360.
10. **Shubrook JH**, Jones SA. Basal-bolus analogue insulin therapy as initial treatment of type 2 diabetes mellitus: A case series. *Insulin*. 2010; 5: 100-105.
11. Jacobs B, Phan K, Bertheau L, Dogbey G, Schwartz F, **Shubrook J**. Continuous glucose monitoring system in a rural intensive care unit: A pilot study evaluating accuracy and acceptance. *J Diabetes Sci Technol*. 2010 May 1; 4(3): 636-644. PMID: PMC2901041.
12. **Shubrook JH Jr**, Snow RJ, McGill SL, Brannan GD. "All-or-none" (bundled) process and outcome indicators of diabetes care. *Am J Manag Care*. 2010 Jan; 16(1): 25-32.
13. Solomon BD, Lange E, Shubrook J, Service FJ, Herman G, Karne RJ, Gorden P, Muenke M, Stratakis CA. Deletion of 8q24 in an adult with mild dysmorphic features, developmental delay, and ketotic hypoglycemia. *Am J Med Genet A*. 2010 Jun; 152A (6): 1545-1549. PMID: PMC2914310.
14. Schwartz FL, Denham S, Heh V, Wapner A, **Shubrook J**. Experiences of children and adolescents with type 1 diabetes in school: Survey of children, parents, and schools. *Diabetes Spectrum*. 2010; 23(1): 47-55.
15. de Groot M, Kushnick M, Doyle T, Merrill J, McGlynn M, **Shubrook J**, Schwartz F. A model of community-based behavioral intervention for depression in diabetes: Program ACTIVE. *Diabetes Spectrum*. 2010; 23(1): 18-25.
16. de Groot M, Kushnick M, Doyle T, Merrill J, McGlynn M, **Shubrook J**, Schwartz F. Depression among adults with diabetes: Prevalence, impact, and treatment options. *Diabetes Spectrum*. 2010; 23(1): 15-18.
17. **Shubrook J**. Risks and benefits of attaining HbA(1c) goals: Examining the evidence. *J Am Osteopath Assoc*. 2010 Jul; 110(7 Suppl 7): eS7-12.
18. Valent D, Pestak K, Otis M, **Shubrook J**. Type 2 diabetes in the pediatric population: Are we meeting ADA clinical guidelines in Ohio? *Clin Pediatr (Phila)*. 2010 Apr; 49(4): 316-322.
19. Able K, **Shubrook J**. A man with double vision. *Osteopathic Family Physician*. 2010; 2(No. 6): 175-179.
20. Nduaguba P, Brannan G, **Shubrook J**. Evaluation of identifying tuberculosis infection and disease in a rural institutionalized population. *Osteopathic Family Physician*. 2010; 2(1): 10-13.
21. Shubrook JH, Colucci RA, Schwartz FL. Exploration of the DPP-4 inhibitors with a focus on saxagliptin. *Expert Opin Pharmacother*. 2009 Dec; 10(17): 2927-2934.
22. McConnell A, **Shubrook J**. Concussion care: Simple strategies, big payoffs. *J Fam Pract*. 2009 Aug; 58(8): 410-414.
23. Marling C, **Shubrook J**, Schwartz F. Towards case-based reasoning for diabetes management: A preliminary clinical study and decision support system prototype. *Computational Intelligence*. 2009; 25(3): 165-179.
24. Schwartz F, Ruhil AV, Denham S, **Shubrook J**, Simpson C, Boyd SL. High self-reported prevalence of diabetes mellitus, heart disease, and stroke in 11 counties of rural appalachian Ohio. *J Rural Health*. 2009 Spring; 25(2): 226-230.
25. Holt R, Dogbey G, Espinoza N, **Shubrook J**. Exercise stress testing in the asymptomatic adult: Family physician adherence to the guidelines. *Osteopathic Family Physician*. 2009; 1(2): 29-33.
26. McDougal J, **Shubrook JH**. Latent autoimmune diabetes of the adult (LADA): A case report of a misunderstood form of diabetes. *Osteopathic Family Physician*. 2009; 1(1): 9-11.
27. Schwartz FL, **Shubrook JH**, Marling CR. Use of case-based reasoning to enhance intensive management of patients on insulin pump therapy. *J Diabetes Sci Technol*. 2008 Jul; 2(4): 603-611. PMID: PMC2769779.
28. Fennig GA, Jr, **Shubrook JH, Jr**. Inpatient osteopathic structural examinations: Is "red tape" getting in the way of personalized patient care? *J Am Osteopath Assoc*. 2008 Jul; 108(7): 327-332.
29. Mills RD, Schwartz F, **Shubrook JH**. Evaluation of diabetes management in a rural community hospital. *Endocr Pract*. 2008 Jan-Feb; 14(1): 50-55.
30. Kushnick MR, M.J. Knutson KJ, J.H. **Shubrook JH**. Physicians impacting public health: Current approach to physical activity. *Osteopathic Family Physician News*. 2008.

31. Marling C, **Shubrook J**, Schwartz F. In: "Case-based decision support for patients with type 1 diabetes on insulin pump therapy". Advances in case-based reasoning 9th European conference, ECCBR 2008 proceedings; Springer, Berlin. ; 2008.
32. Selinsky C, Schwartz FL, Brannon G, **Shubrook JH**. Determining the risk of nonalcoholic fatty liver disease and nonalcoholic steatohepatitis. *American College of Osteopathic Family Physicians*. 2008.
33. Marling C, **Shubrook J**, Schwartz F. In: Towards case-based reasoning for diabetes management. Belfast, Northern Ireland; August 13-16, 2007. p. 305-314.
34. de Groot M, Doyle T, Hockman E, Wheeler C, Pinkerman B, **Shubrook J**, Gotfried R, Schwartz F. Depression among type 2 diabetes rural appalachian clinic attendees. *Diabetes Care*. 2007 Jun; 30(6): 1602-1604.
35. Holt RM, Schwartz FL, **Shubrook JH**. Diabetes care in extended-care facilities: Appropriate intensity of care? *Diabetes Care*. 2007 Jun; 30(6): 1454-1458.
36. **Shubrook JH**. "Communicating and educating to achieve the best outcomes in diabetes care: Addressing common scenarios in your practice". *DOs against Diabetes, Supplement to the JAOA*. 2007.
37. **Shubrook JH**. "Personalizing smoking cessation for your patients" *The Whole Patient, supplement to The D O*. 2007: 20-22.
38. Marling CR, **Shubrook JH**, Miller WA, Maimone AJ, Schwartz FL. Intelligent decision support software for type 1 diabetics on insulin pump therapy. In: American Diabetes Association 67th Scientific Abstracts Book, June supplement to Diabetes; 2007. p. abstract number 2087-PO.
39. **Shubrook JH**. "Cardiovascular risk reduction for people with diabetes mellitus". *Primary Care Reports*. 2006.
40. **Shubrook JH Jr**, Dooley J. Effects of a structured curriculum in osteopathic manipulative treatment (OMT) on osteopathic structural examinations and use of OMT for hospitalized patients. *J Am Osteopath Assoc*. 2000 Sep; 100(9): 554-558.
41. **Shubrook JH Jr**, Solomon JA, Ross-Lee B. Healthcare reform and practice choices: A survey of osteopathic medical students. *J Am Osteopath Assoc*. 1994 Nov; 94(11): 981-991.

Investigator-Initiated Research

- 2010 **INSPIRE DM**: Intensive Insulin Regimen as a Primary Treatment of New Onset Type 2 Diabetes. Multi-center Trial. PI Sponsor: Sanofi Aventis.
- 2008 **TAKE ACTION** :(**Teamwork** with Age-appropriate **Kid's Exercise** in Appalachia with Interventions for **Overweight and Nutrition**). Sponsor: RSAC, DFM, AAFP Foundation, Athens Foundation, DRI. Co-PI.
- 2007 Implementing treatment protocols for diabetes at extended care facilities. Sponsor: OU-COM RSAF. Principal Investigator.
- 2006 **Program ACTIVE**: Treatment of people with depression and type 2 DM with cognitive behavior therapy and a structured exercise program. Sponsor: NIDDK. Co-Investigator.
- 2006 Time needed for diabetes self-care, a national sampling of diabetes educators. Sponsor OU-COM Research and Scholarly Affairs. Sponsor: Osteopathic Heritage Foundation/Diabetes Fellowship. Principal Investigator.
- 2006 Use of Continuous Glucose Monitoring System to Transition Patients with Type 1 DM from Multiple Daily Injections of Insulin to Insulin Pump. Sponsors: OU-COM, Medtronic Inc. Co-Principal Investigator.
- 2004 Creation of an AHRI Diabetes/Endocrine Disease Patient Database and biorepository. The goal is to develop these tools to expand future research projects. Co-investigator.
- 2003 Psychosocial Aspects of Diabetes Among Patients in Athens County: A Pilot and Feasibility Study. A pilot to determine the inter-relationship between type 2 diabetes and depression. Co-investigator.
- 2002 Development of a Novel Physician Diabetes-Specific Health Locus of Control Questionnaire to Determine the Influence of the Physician-Patient Relationship and the Patient's Ability to Achieve and Maintain Glycemic Control in Type 2 Diabetes Mellitus. Sponsor: C.O.R.E. Research Committee. Advisor for student research.
- 2002 Development of a Novel Physician Diabetes-Specific Health Locus of Control Questionnaire to Determine the Influence of the Physician-Patient Relationship and the Patient's Ability to Achieve

- and Maintain Glycemic Control in Type 2 Diabetes Mellitus. Sponsor: C.O.R.E. Research Committee. Advisor for student research.
- 2000 Evaluation of a Standardized Curriculum to Increase the Use of OMT for Hospitalized Patients. Sponsor: Ohio University Office of Research and Grants. Role: Primary investigator.
- 2008 TN-01 Trial. Natural history study of the development of type 1 diabetes. Sponsor: National Institutes of Health. Sub-Investigator.
- 2008 RO4607381 Trial. A phase III, double-blind, randomized placebo-controlled study, to evaluate the effects of RO4607381 on cardiovascular (CV) risk in stable CHD patients, with a documented recent Acute Coronary Syndrome (ACS). Sponsor: Hoffmann-La Roche, Inc. Role: Principal Investigator.
- 2008 DURATION-2 Trial. A randomized, double-blind, parallel-group, multicenter study to compare the glycemic effects, safety and tolerability of Exenatide long-acting release to those of Sitagliptin and Pioglitazone in subjects with type 2 diabetes mellitus treated with Metformin. Sponsor: Amylin Pharmaceuticals. Sub-Investigator
- 2007 All To Target Trial Lantus (insulin glargine) with stepwise addition of APIDRA (insulin glulisine) or Lantus with one injection of Aprida vs. a twice-daily premixed insulin regimen (Novolog Mix 70/30) in adult subjects with type 2 diabetes failing dual or triple therapy with oral agents: 64-week, multi-center, randomized, parallel, open-labeled clinical study. Sponsor: Sanofi Aventis. Principal Investigator
- 2006 Predictive Trial. Clinical trial evaluating the use of a novel insulin to standard care for type 2 diabetes. Sponsor: NovoNordisk. Principal Investigator.
- 2006 Treat 2 Target Trial. Clinical trial using different insulin regimens to evaluate intensity of care. Sponsor: Sanofi-Aventis. Principal Investigator.
- 2002 Goal A1c study. A phase 4 clinical trial on titration schedules of insulin glargine and point of care use of HgA1c on type 2 diabetes control. Sponsor: Aventis. Principal Investigator.
- 2000 T.R.O.P.H.Y. Trial. A phase 3 trial evaluating an ARB in the preventing of hypertension. Sponsor: Astra-Zeneca Pharmaceuticals. Sub-investigator

Presentations and Projects

Research Posters

- 2010 Karuga, Shubrook. Electronic Patient Communications in the Digital Age: Patients preferences. To be presented at the AOA Scientific Sessions October 2010. SF, CA.
- 2008 Doyle T, Klein W, **Shubrook J** and Degroot M. Coronary Heart Disease Risk Perceptions and Communication Among type 2 Diabetes Mellitus Patients and Primary Care Physicians. Society of Medical Decision Making. October 2008.
- 2008 Doyle T, Klein W, **Shubrook J** and Degroot M. Comparison of 10 year coronary risk estimates: Type 2 diabetes patients, physicians and the UKPDS Risk Engine. Society of Behavioral Medicine March 2008.
- 2007 Marling, **Shubrook**, Schwartz. "Intelligent Decision Support for T1DM with Insulin Pump Therapy." To be presented at American Diabetes Association 67th Scientific Sessions June 22-26, 2007.
- 2007 Schwartz, Lichtin, Boyd, **Shubrook**, Denham, Isaac, Ruhil, Yoder, Simpson. "Prevalence of Diabetes Mellitus and Atherosclerosis in Appalachian Ohio." To be presented at American Diabetes Association 67th Scientific Sessions June 22-26, 2007.
- 2007 Wapner, Denham, **Shubrook**, Schwartz. "Barriers to Diabetes Care of Children in School." To be presented at American Diabetes Association 67th Scientific Sessions June 22-26, 2007.
- 200 Klein, **Shubrook**, Schwartz, Wapner. "The day of a diabetic: Time requirements for diabetes self-care". To be presented at OU Research and Scholarly Creativity Fair and Ohio Osteopathic Association June 21-24, 2007.
- 2007 **Shubrook**, Bertheau, Thomas, Snow. "All or None Process and Outcomes Indicators of Diabetes Care in a National Sample of Resident Physicians." To be presented at American Heart Association: Quality of Care and Outcomes Research in CV disease and Stroke Conference May 10-11, 2007.

- 2006 **Shubrook**, Schwartz, DeGroot et Doyle. "Treatment of Depressed Diabetics: Variations by Specialty". AOA Research Conference 2006.
- 2006 **Shubrook JH** and Schwartz FL. Time Demands for Diabetes Self Care. Abstract number 951091. Presented at American Diabetes Association 66th Scientific Sessions.
- 2005 DeGroot, Pinkerman, **Shubrook** et Schwartz. "Depression Among Type 2 Diabetes Rural Appalachian Clinic Attenders", poster presentation, American Diabetes Association 65th Scientific Sessions.
- 2004 **Shubrook** et al. "Missed Opportunities in the Treatment of Diabetes Mellitus", American Osteopathic Association Research Conference 2004.
- 2004 Lieving, Weinscheck et **Shubrook**. "The Effects of a Structured OMT Curriculum on Osteopathic Exams and OMT for Hospitalized Patients", American Osteopathic Association Research Conference 2004.
- 2004 **Shubrook JH**. "Preventive Treatment for Patients with Diabetes: An Underutilized Modality", OAFP Research and Education Conference.
- 2003 **Shubrook** et al. "A Diabetes Report Card for Physicians", Poster Presentation AOA Research Conference.
- 2003 Flaugh CB. and **Shubrook JH**. "Development of a New Instrument to Assess Physician Locus of Control for Diabetes Care", Poster Presentation, AOA Research Conference.
- 2003 Mazzurco JD, Colapietro R, **Shubrook JH**. "The Occurrence of Osteopathic Structural Exams and OMT for Hospitalized Patients", Poster Presentation, AOA Research Conference.
- 2002 **Shubrook JH** et Eland D. Students, Interns and Residents Comfort and Confidence with their OMT Skills, poster presentation, American Osteopathic Association (AOA) Scientific Assembly.

Selected Presentations

- 2010 Invited Speaker. October 2010 SF, CA. American Osteopathic Association Scientific Sessions 2010. How to write a scientific paper.
- 2010 American Academy of Family Physicians
- 2010 PriMed Boston
- 2008 Invited Speaker, Idaho Osteopathic Association First Annual CME. "The latest in Diabetes Outcomes and Research". April 2008.
- 2007 Invited Speaker, Maryland Association of Osteopathic Physicians Primary Care Update, June 21-24, 2007. "Case Studies in Diabetes Care".
- 2007 Invited Speaker, Upper Midwest Osteopathic Health Conference, Iowa, May 4-5, 2007. "Case Studies in Diabetes Care".
- 2004 Invited Speaker, American Osteopathic Association Research Conference. "An Osteopathic Primary Care Approach to the Weekend Warrior".

Professional Memberships

American Academy of Family Physicians
 American College of Osteopathic Family Physicians
 American Diabetes Association
 American Heart Association
 American Osteopathic Association
 Ohio Academy of Family Physicians
 Ohio Academy of Osteopathic Family Physicians
 Ohio Osteopathic Association

Medical License

Ohio, active and unlimited

References

Upon request.