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I. PROFESSIONAL EXPERIENCE

7/2014 - present [Northwest Rhythm Consultants](#)
Volunteers in Medicine, Springfield, OR
1997- 7/2014 Clinical Cardiac Electrophysiology, Oregon Cardiology, PeaceHealth
7/96-6/97 Associate Professor of Medicine, Cardiovascular Section, University
of Oklahoma Health Sciences Center, Oklahoma City, OK
7/96 Academic Tenure, Board of Regents of the University of Oklahoma
8/90-7/96 Assistant Professor of Medicine, Cardiovascular Section, University
of Oklahoma Health Sciences Center, Oklahoma City, OK
8/90-6/97 Attending Physician, University Hospital, Oklahoma City, OK
8/90-6/97 Attending Physician, VAMC, Oklahoma City, OK

II. LICENSURE, CERTIFICATION, BOARD STATUS

American Board of Internal Medicine:
1986 Internal Medicine
1989 Cardiovascular Diseases
1992, 2002, 2014 Clinical Cardiac Electrophysiology
1986 Oregon Medical Board, MD License MD14855

III. EDUCATION

1990 Research Fellow, Duke University Medical Center, Durham, NC
1986-1990 Cardiology Fellow, Oregon Health Sciences Center, Portland, OR
1983-1986 Medicine Resident, Temple University Hospital, Philadelphia, PA
1979-1983 University of Connecticut School of Medicine, Farmington, CT (MD)
1974-1978 University of Pennsylvania, Philadelphia, PA (B.S. in Economics)

IV. PROFESSIONAL SOCIETIES

1989-present Fellow, American College of Cardiology
1992-present Member, Heart Rhythm Society
1997-present Co-chairman, Northwest EP Society

V. PUBLICATIONS

Book Chapters:

"A Functional Approach to the Preexcitation Syndromes". Oren J, Beckman KJ, McClelland JH, Wang X, Lazzara R, Jackman WM, *CARDIOLOGY CLINICS*, Cardiac Arrhythmias and Related Syndromes: Current Diagnosis and Management. Editor: M. Akhtar, M.D. W.B. Saunders, February, 1993.

"Three Forms of Atrioventricular Nodal (Junctional) Reentrant Tachycardia: Differential Diagnosis, Electrophysiological Characteristics and Implications for Anatomy of the Reentrant Circuit". Jackman WM, Nakagawa H, Heidbuchel H, Beckman KJ, McClelland JH, Lazzara R, *CARDIAC ELECTROPHYSIOLOGY*, from Cell to Bedside. Editors: Zipes and Jalife. W.B. Saunders, Second Edition 1995, 620-637.

Journal Articles:

1. **McClelland JH**, Cutler JE, Kudenchuk P, Halperin B, Kron J, McAnulty JH, Circadian variation in ventricular electrical instability associated with coronary artery disease. *Am J Cardiol* 65:1351-1357, 1990.
2. **McClelland JH**, Cutler JE, Kron J, McAnulty JH. Comparison of ventricular arrhythmia induction with use of an indwelling electrode catheter and a newly inserted catheter. *JACC* 16:1187-93, 1990.
3. **McClelland JH**, Danieleley ND, Cabo C, Ideker RE, Smith WM. Neural networks for improved automation of ventricular activation mapping. *Computers in Cardiology*, Chicago: IEEE Computer Society 295-298, 1990.
4. Chelsky LB, Cutler JE, Griffith K, Kron J, **McClelland JH**, McAnulty JH. Caffeine and ventricular arrhythmias: An Electrophysiological Approach. *JAMA* 264:2236-2240, 1990.
5. Jackman WM, Wang X, Friday KJ, Roman CA, Moulton KP, Beckman KJ, **McClelland JH**, Twidale N, Hazlitt HA, Prior MI, Margolis PD, Calame JD, Overholt ED, Lazzara R. Catheter ablation of accessory atrioventricular pathways (Wolff-Parkinson-White Syndrome) by radiofrequency current. *N Engl J Med* 324:1605-1611, 1991.
6. Twidale N, Wang X, Friday KJ, McClelland JH, Moulton KP, Prior MI, Hazlitt HA, Lazzara R, Jackman WM. Factors associated with recurrence of accessory pathway conduction after radiofrequency catheter ablation. *PACE* 14 (part II):2042-2048, 1991.
7. **McClelland JH**, Daubert JP, Kavanagh KM, Harrell FE, Ideker RE. High and low strength shocks given during canine ventricular tachycardia. *PACE* 15:986-992, 1992

8. Jackman WM, Beckman KJ, **McClelland JH**, Lazzara R. Localization and radiofrequency catheter ablation of accessory pathways in Wolff-Parkinson-White syndrome. *J. Electrocardiology* 24 Suppl: 24, 1992.
9. Jackman WM, Beckman KJ, **McClelland JH**, Wang X, Friday KJ, Roman CA, Moulton KP, Twidale N, Hazlitt HA, Prior MI, Oren J, Overholt ED, Lazzara R. Treatment of supraventricular tachycardia due to atrioventricular nodal reentry by radiofrequency catheter ablation of slow-pathway conduction. *N Engl J Med* 327:313-318, 1992.
10. Nakagawa H, Beckman KJ, **McClelland J**, Wang X, Lazzara R, Arruda N, Santoro IM, Hazlitt HA, Abdalla I, Singh A, Gossinger H, Sweidan R, Hirao K, Widman L, Jackman WM: Radiofrequency catheter ablation of idiopathic left ventricular tachycardia guided by a Purkinje potential. *Circulation*, December 1993, 88:2607-2617.
11. **McClelland J**, Wang X, Beckman KJ, Hazlitt HA, Prior MI, Nakagawa H, Lazzara R, Jackman WM: Radiofrequency catheter ablation of right atriofascicular (Mahaim) accessory pathways guided by accessory pathway activation potentials. *Circulation*, June 1994, 89:2655-2666.
12. Twidale N, Hazlitt HA, Berbari E, Beckman KJ, **McClelland J**, Moulton KP, Prior MI, Lazzara R, Jackman WM: Late potentials are unaffected by radiofrequency catheter ablation in patients with ventricular tachycardia, *PACE*, February 1994, 17:2,157-166.
13. Nakagawa H, Yamanashi W, Arruda M, Pitha JV, Otomo K, Wang X, Beckman KJ, **McClelland JH**, Lazzara R, Jackman, WM: Comparison of in vivo tissue temperature profile and lesion geometry for radiofrequency ablation using a saline irrigated electrode versus temperature control in a canine thigh muscle preparation. *Circulation* 1995, 91(8):2264-73.
14. Hirao K, Otomo K, Wang X, Beckman KJ, **McClelland JH**, Widman L, Gonzalez M, Arruda M, Nakagawa H, Lazzara R, Jackman WM: Para-Hisian pacing. A new method for differentiating retrograde conduction over an accessory AV pathway from conduction over the AV node. *Circulation* 1996, 94(5):1027-35.
15. Arruda MS, **McClelland JH**, Wang X, Beckman KJ, Widman LE, Gonzalez MD, Nakagawa H, Lazzara R, Jackman WM. Development and validation of an ECG algorithm for identifying accessory pathway ablation site in Wolff-Parkinson-White syndrome. *J Cardiovasc Electrophysiol*, 1998, 9(1):2-12.
16. **McClelland JH**, Duke D, Reddy R. Preliminary results of a limited thoracotomy: New approach to treat atrial fibrillation. *J Cardiovasc Electrophysiol*, 2007, 18:1289-1295.
17. Edgerton JR, **McClelland JH**, Duke D, Gerdisch MW, Steinberg BM, Bronleewe SH, Prince SL, Herbert MA, Hoffman S, Mack MJ. Minimally invasive surgical ablation of atrial fibrillation: Six-month results. *J Thorac Cardiovasc Surg* 2009;138:109-114.