CURRICULUM VITAE

Steven M. White, MD, PhD, MPH

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Summary of Expertise

Steven M. White, MD, PhD, MPH, is a dual board-certified forensic and anatomic pathologist with advanced training in cardiovascular pathology and more than 12 years of experience as a medical examiner and forensic pathologist across the United States and Canada. He currently serves as a forensic pathologist with the Ontario Forensic Pathology Service and as cardiovascular and autopsy pathologist at Toronto General Hospital (UHN). He previously served as Assistant Medical Examiner and Cardiovascular Pathology Consultant at the Cook County Medical Examiner's Office in Chicago, one of the busiest medical examiner offices in the United States, and as Lead Forensic Pathologist for the British Columbia Coroners Service.

Dr. White is an Assistant Professor at the University of Toronto, teaching medical students, residents, and fellows. He has authored numerous peer-reviewed publications, book chapters, and an invited review article. He has delivered and contributed to national and international presentations and presented abstracts on forensic pathology, cardiovascular pathology, sudden death, molecular autopsy (genetic testing after death), and death investigation.

In legal proceedings, Dr. White translates complex forensic, autopsy, and pathology findings into clear, precise, and understandable language for attorneys, judges, and juries. He draws on extensive experience testifying in both criminal and civil matters across North America for plaintiffs and defendants.

Employment

TORONTO GENERAL HOSPITAL (UHN), Toronto, ON — 2025—Present
Cardiovascular Pathologist and Autopsy Pathologist

ONTARIO FORENSIC PATHOLOGY SERVICE, Toronto, ON — 2023—Present
Forensic Pathologist

DEPARTMENT OF THE MEDICAL EXAMINER OF HONOLULU, Honolulu, HI — 2023
Forensic Pathologist

BRITISH COLUMBIA CORONERS SERVICE, Vancouver, BC — 2019—2023
Lead Forensic Pathologist

COOK COUNTY MEDICAL EXAMINER'S OFFICE, Chicago, IL — 2013—2019
Assistant Medical Examiner

NORTHWESTERN MEMORIAL HOSPITAL, Chicago, IL — 2013—2019
Staff Pathologist (Autopsy, perinatal, and cardiovascular)

AbbVie (formerly known as Abbott), Chicago, IL — 2011—2013
Associate Medical Director

Academic Appointments

UNIVERSITY OF TORONTO, Toronto, ON — 2024—Present
Assistant Professor, Department of Laboratory Medicine and Pathobiology

UNIVERSITY OF BRITISH COLUMBIA, Vancouver, BC — 2022—2024
Associate Member, Centre for Heart Lung Innovation

UNIVERSITY OF BRITISH COLUMBIA, Vancouver, BC — 2019—2024
Clinical Assistant Professor, Department of Pathology and Laboratory Medicine

ANN AND ROBERT H. LURIE CHILDREN'S HOSPITAL, Chicago, IL — 2014—2019
Research Pathologist

FEINBERG SCHOOL OF MEDICINE, NORTHWESTERN UNIVERSITY, Chicago, IL — 2013—2019
Adjunct Assistant Professor of Pathology

RUSH UNIVERSITY SCHOOL OF MEDICINE, Chicago, IL — 2013—2019
Assistant Professor of Pathology

Postdoctoral Training

FEINBERG SCHOOL OF MEDICINE, NORTHWESTERN UNIVERSITY, Chicago, IL — 2013—2014
Cardiovascular Pathology Training (Informal)

COOK COUNTY MEDICAL EXAMINER'S OFFICE, Chicago, IL — 2010—2011
Forensic Pathology Fellow

NATIONAL INSTITUTES OF HEALTH, Bethesda, MD — 2007—2010
Anatomic Pathology Resident

Major Leadership Position

NATIONAL ASSOCIATION OF MEDICAL EXAMINERS, Savannah, MO — 2017—2018
Chair, Cardiac Pathology Subcommittee, Consensus Committee on Sudden Unexpected Death in Children

Major Committee Service

ONTARIO FORENSIC PATHOLOGY SERVICE, Toronto, ON — 2026—Present
Member, Child Injury Interpretation Committee (2026—Present)
Member, Complex Case Expert Committee (2026—Present)

NATIONAL ASSOCIATION OF MEDICAL EXAMINERS, Savannah, MO — 2016—2022
Member, Forensic Toxicology Committee (2021—2022)
Member, Bioterrorism and Infectious Diseases Committee (2017—2018)
Member, Consensus Committee on Sudden Unexpected Death in Epilepsy (2015—2017)
Member, Education, Programs, and Publications Committee (2016—2017)

SOCIETY FOR PEDIATRIC PATHOLOGY, Gig Harbor, WA — 2019—2020
Member, Research and Awards Committee

ILLINOIS DEPARTMENT OF PUBLIC HEALTH, Springfield, IL — 2015—2018
Member, Genetic and Metabolic Advisory Committee

COOK COUNTY MEDICAL EXAMINER'S OFFICE, Chicago, IL — 2013—2018
Member, Graduate Medical Education Committee

Education

LOUISIANA STATE HEALTH CENTER, New Orleans, LA — 2007
MD

LOUISIANA STATE HEALTH CENTER, New Orleans, LA — 2004
PhD in Biochemistry and Molecular Biology

SCHOOL OF PUBLIC HEALTH AND TROPICAL MEDICINE, TULANE UNIVERSITY, New Orleans, LA — 1998
MPH in Epidemiology and Biostatistics

TULANE UNIVERSITY, New Orleans, LA — 1997
BS in Cellular and Molecular Biology

Licenses and Certifications

Ontario, Canada — 2023—Present
Medical License #150637

British Columbia, Canada — 2019—Present
Medical License #049767

Illinois, United States — 2010—Present
Medical License #36.125796

AMERICAN BOARD OF PATHOLOGY - FORENSIC PATHOLOGY — 2013—Present
Diplomate and Re-Certified

AMERICAN BOARD OF PATHOLOGY - ANATOMIC PATHOLOGY — 2013—Present
Diplomate and Re-Certified

Professional Society Memberships

CANADIAN ASSOCIATION OF FORENSIC MEDICINE	2025—Present
CANADIAN ASSOCIATION OF PATHOLOGISTS	2025—Present
ASSOCIATION FOR EUROPEAN CARDIOVASCULAR PATHOLOGY	2024—Present
INTERNATIONAL SOCIETY FOR HEART AND LUNG TRANSPLANTATION	2024—Present
CANADIAN CARDIOVASCULAR SOCIETY	2020—Present
SOCIETY FOR PEDIATRIC PATHOLOGY	2018—Present
SOCIETY FOR CARDIOVASCULAR PATHOLOGY	2013—Present
AMERICAN ACADEMY OF FORENSIC SCIENCES	2010—Present
NATIONAL ASSOCIATION OF MEDICAL EXAMINERS	2010 – Present
UNITED STATES AND CANADIAN ACADEMY OF PATHOLOGY	2007—Present
COLLEGE OF AMERICAN PATHOLOGISTS	2007—Present
AMERICAN HEART ASSOCIATION	2001—Present

Intellectual Property

UNITED STATES PATENT #7960173 — 2011
Cardiac conduction system cells and uses thereof

Research Funding

AMERICAN ACADEMY OF FORENSIC SCIENCES (AAFS) — 2015
Pathology of the cardiac pacemaking and conduction system in young adults; $3,000

Teaching

UNIVERSITY OF TORONTO AND UNIVERSITY HEALTH NETWORK, Toronto, ON 2023—Present
Cardiovascular pathology teaching and supervising for pathology fellows (2025—Present)
Autopsy teaching and supervising cardiovascular pathology residents during rotations (2025—Present)
Cardiovascular pathology review lecture for pathology residents (2023)

ONTARIO FORENSIC PATHOLOGY SERVICE, Toronto, ON 2023—Present
Forensic pathology rotations for medical students, residents, and law enforcement officers (2023—Present)

UNIVERSITY OF BRITISH COLUMBIA, Vancouver, BC 2019—2023
Cardiovascular pathology lectures for pathology residents (2021—2023)
Forensic pathology rotation for medical students (2021—2023)
Forensic pathology lectures for pathology residents (2020—2023)
Forensic pathology rotations for pathology residents (2020—2023)
Annual and regional coroner training (2019—2023)

FEINBERG SCHOOL OF MEDICINE, NORTHWESTERN UNIVERSITY, Chicago, IL 2015—2018
Focused clinical experience in forensic pathology for second-year medical students (2014—2018)
Autopsy conference lectures, instruction, and demonstrations for pathology residents and medical students (2014—2018)
Forensic pathology for pathology residents (2014—2018)
Problem-based learning small group tutor for medical students (2014—2018)

COOK COUNTY MEDICAL EXAMINER'S OFFICE, Chicago, IL 2014—2018
Heart cutting (cardiovascular pathology) for trainees and staff (2014—2018)
Cardiovascular pathology lecture for forensic pathology fellows (2014—2018)
Genetics of sudden death lecture for forensic pathology fellows (2014—2018)
Congenital heart disease lectures to forensic pathology fellows (2014-2018)
Deaths in police custody lecture for forensic pathology fellows (2013—2018)
Autopsy artifacts lecture for forensic pathology fellows (2013—2018)
Supervision of forensic pathology fellows, pathology residents, and medical students in forensic pathology (2013—2018)

Invited Lectures and Presentations

1. Trent University Forensic Science, Ottawa, ON 2026
   Invited Lecture: Gunshot Wounds and Wound Ballistics
2. University of Toronto, Toronto, ON 2026
   Panelist for Laboratory Medicine and Pathobiology Student Union Conference: Getting to the Heart of the Matter: Exploring Cardiovascular Disease
3. University of Toronto School of Law, Toronto, ON 2025, 2026
   Forensic Pathologist As Expert Witness for Criminal Process in Criminal Law Course (2026)
   Forensic Pathology in Wrongful Convictions for Wrongful Convictions Criminal Law Course (2025)
4. Royal College of Physicians and Surgeons of Canada, Ottawa, ON 2024
   Medicolegal Postmortem Examinations, Subspeciality Committee in Forensic Pathology, Resident Recruitment Initiative
5. Lurie Children's Hospital, Chicago, IL 2018
   Grand Rounds, Department of Pathology: Pediatric Forensic Pathology
6. Lurie Children's Hospital, Chicago, IL 2017
   Grand Rounds, Department of Pathology: Neuropathology of Child Abuse
7. Lurie Children's Hospital, Chicago, IL 2016

Grand Rounds, Department of Pathology: Sudden Death in Children

8. Prentice Women's Hospital, Chicago, IL 2014
   Grand Rounds: Investigating Infant Deaths

9. Cook County Medical Examiner's Office, Chicago, IL 2013
   Invited Lecture: Deaths Due to Intracranial Hemorrhage

Peer Review for Journals

Canadian Journal of Cardiology	2025—Present
Canadian Journal of Cardiology Open	2025—Present
Cardiovascular Pathology	2025—Present

Presented Abstracts

1. Labay L and **White SM.** Toxicology Committee. Point-of-Care Testing for Drugs at Autopsy. Oral presentation at the National Association of Medical Examiners Annual Meeting, October 2021.
2. Webster RG, Roy-Puckelwartz M, Pesce L, Dellefave-Castillo L, Vanoye C, Page P, Kerns SD, Pottinger T, **White SM**, Arunkumar P, Olson R, Kofman A, Ibrahim N, Yap K, Kadri S, George AL, McNally EM. Genomic Autopsy of 103 Sudden Deaths in the Young Reveals the Importance of Cardiomyopathy Genes and Non-Mendelian Risk. Oral presentation at the American Heart Association's Scientific Sessions, November 2020.
3. Multan M, Alakija P, Orde M, **White SM**. Autopsy Education in Canadian Pathology Programs: A Survey of Canadian Trainees. Oral presentation at the National Association of Medical Examiners Annual Meeting, October 2020.
4. Serenelli S, **White SM**, Arunkumar, P, Gitto L. Deaths Due to Cardiomyopathy of Unknown Etiology in Children and Young Adults. Poster presentation at the American Academy of Forensic Sciences, February 2019.
5. Gitto L, **White SM,** Arunkumar P, Serenelli S. Sudden Death in Adults with Congenital Heart Disease: A Retrospective Review of Cases from the Cook County Medical Examiner's Office. Poster presentation at the American Academy of Forensic Sciences, February 2019.
6. Serenelli S, **White SM**, Arunkumar, P, Gitto L. The Outbreak of Fentanyl-Related Deaths in Cook County, Illinois, between October 2015 and December 2017: A Retrospective Study and a Comparison with Previous Data. Poster presentation at the American Academy of Forensic Sciences, February 2019.
7. Schoppen ZJ, Balmert L, **White S**, Olson RS, Stephens R, George AL Jr., McNally EM, Webster G. Population-Based Modelling to Determine Cardiomegaly in Cases of Sudden Death in the Young. Poster presentation at the National Association of Medical Examiners Annual Meeting, October 2018.
8. Serenelli S, **White SM**, Gitto L. Congenital Heart Disease in Children: A Retrospective Review of Autopsies from the Cook County Medical Examiner's Office. Oral presentation at the American Academy of Forensic Sciences Annual Meeting, February 2017.
9. Cameron SA, **White SM,** Shulman ST, and Rowley AH. IL18, CD20, TLR7, CD74, AIF1, and ZBP1 Proteins Are Significantly Upregulated in Kawasaki Disease Coronary Arteritis. Oral presentation at the American Academy of Pediatrics Annual Meeting, October 2016.
10. Webster RG, McNally E, George AL, Castillo L, Roy-Puckelwartz M, Olson R, and **White SM**. A Procedural Template for Familial Evaluation after Sudden Unexplained Death. Oral presentation at the National Association of Medical Examiners Annual Meeting, September 2016.
11. Deeken-Draisey A, Woertz LE, and **White SM**. Undiagnosed Metabolic Cardiomyopathy as a Cause of Pediatric Sudden, Unexpected Death: Case Report and Review of the Literature. Oral presentation at the American Academy of Forensic Sciences Annual Meeting, February 2016.

12. Eckhardt M, Gates J, Eason E, and **White SM**. Comparison of Safe versus Unsafe Sleep Environments in Sudden, Unexpected Death in Infants. Oral presentation at the American Academy of Forensic Sciences Annual Meeting, February 2016.

13. Powers S and **White SM**. Cardiac pathology in cases of Sudden Unexpected Death in Epilepsy (SUDEP). Oral presentation at the National Association of Medical Examiners Annual Meeting, October 2015.

14. Howell K and **White SM**. A 20-year retrospective review of pediatric homicide by drowning in Cook County, IL. Poster presentation at the National Association of Medical Examiners Annual Meeting, October 2015.

15. Golden K, **White SM**, Cina SC, Means D. Cold deaths in the Windy City: Hypothermia-related deaths in Chicago. Poster presentation at the National Association of Medical Examiners Annual Meeting, October 2015.

16. Will ML, Tester DJ, **White SM**, and Ackerman MJ. A Targeted Whole Exome Molecular Autopsy following Sudden Unexplained Death in the Young: A Population-Based Case Series. Oral presentation at the Heart Rhythm Society meeting, May 2015.

17. DelMundo Galicia M, **White SM**. Cardiovascular Abnormalities Associated with Sudden Unexpected Death in Epilepsy. Oral presentation at the American Academy of Forensic Sciences Annual Meeting, February 2015.

18. Alsadi A, Fox M, **White SM**. Natural causes of death in young adults in an urban Medical Examiner's Office. Oral presentation at the American Academy of Forensic Sciences Annual Meeting, February 2015.

19. Watkins L and **White SM**. Trends in pediatric suicides in Chicago from 1993-2013. Oral presentation for the American Academy of Forensic Sciences Annual Meeting, February 2014.

20. **White SM**, Kalelkar MB, Filkins JB. Giant cell myocarditis as a cause of sudden or unexpected death: a report of two cases and a review of the literature. Oral presentation at the annual meeting of the American Academy of Forensic Sciences, February 2011.

21. **White SM** and Claycomb WC. Nodal-like cardiac myocytes derived from murine embryonic stem cells can be passaged while retaining their phenotype. Oral presentation – late-breaking research abstract at the American Heart Association's Scientific Sessions, November 2004.

22. Collier JJ, **White SM**, Scott DK. The role of phosphatidylinositol 3-kinase inhibition on glucose-stimulated insulin secretion and electrical activity in INS-1 derived 832/13 cells. Poster presentation at the American Diabetes Association Annual Scientific Sessions, June 2004.

23. **White SM** and Claycomb WC. Molecular markers identify a primitive cardiac conduction system in differentiating embryonic stem cells. Poster presentation at the Cardiovascular Cell and Gene Therapy Conference, April 2004.

24. Collier JJ, **White SM**, Claycomb WC, Scott DK. Insulin represses and chronic hyperglycemia stimulates adrenomedullin gene expression in HL-1 cultured cardiac myocytes. *Diabetes* 51 (Supp 2): A590, 2002.

25. **White SM**, Imig JD, LeBlanc EA, Inscho EW. Calcium signaling pathways utilized by P2X receptors in preglomerular vascular smooth muscle cells. Poster presentation at the Experimental Biology Meeting, April 2000.

26. Puckelwartz MJ, Webster RG, Dellefave-Castillo L, Pesce L, **White SM**, George AL and McNally EM. Molecular Autopsy for Sudden Death using Whole Genome Sequencing. Poster presentation at the Northwestern University Feinberg School of Medicine Research Day, April 2017.

27. Webster RG, Puckelwartz MJ, Dellefave-Castillo L, **White SM**, Olson RS, McNally EM, George AL. Familial Evaluation after Sudden Unexplained Death. Poster presentation at the Northwestern University Feinberg School of Medicine Research Day, April 2017.

Book Chapters

1. White SM, Ackerman MJ, Burns KM, Matshes EW. Evaluation for Cardiac Diseases. In: Corey T and Bundock E, editors. Unexplained Pediatric Deaths: Investigation, Certification, and Family Needs (National Association of Medical Examiners Panel on Sudden Unexpected Deaths in Pediatrics). La Jolla, CA: Academic Forensic Pathology International; 2019. Chapter 7, p. 99-118. .

2. Devinsky O, Palusci VJ, Shapiro-Mendoza CK, Ackerman MJ, Crandall LG, White SM, Burns KM. Research needs. In: Corey T and Bundock E, editors. Unexplained Pediatric Deaths: Investigation, Certification, and Family Needs (National Association of Medical Examiners Panel on Sudden Unexpected Deaths in Pediatrics). La Jolla, CA: Academic Forensic Pathology International; 2019. Chapter 15, p. 235-247.

3. White SM and Claycomb WC. "Cardiac cell transplantation: protocols and applications." Methods in Molecular Biology, vol. 219: Cardiac gene transfer: protocols, principles, and applications, pp.83-95, 2003; doi:10.1385/1-59259-350-x:83.

Invited Review Article

1. White SM, Constantin PE, Claycomb WC. Cardiac physiology at the cellular level: use of cultured HL-1 cardiomyocytes for studies of cardiac muscle cell structure and function. Invited Review. *American Journal of Physiology – Heart and Circulatory Physiology*. 2004; 286: H283-H289; doi:10.1152/ajpheart.00986.2003.

Peer-Review Publications

1. Janzen ML, Davies B, Laksman ZWM, Roberts JD, Sanatani S, Steinberg C, Tadros R, Cadrin-Tourigny J, MacIntyre C, Atallah J, Fournier A, Green MS, Hamilton R, Khan HR, Kimber S, White SM, Joza J, Makanjee B, Ilhan E, Lee D, Hansom S, Hadjis A, Arbour L, Leather R, Seifer C, Angaran P, Simpson CS, Healey JS, Gardner M, Talajic M, Krahn AD. Management of inherited arrhythmia syndromes: a HiRO consensus handbook on process of care. *Canadian Journal of Cardiology (CJC Open)*, 2023; 5: 268-284; doi: 10.1016/j.cjco.2023.02.006.

2. Webster G, Puckelwartz MJ, Pesce LL, Dellefave-Castillo LM, Vanoye CG, Potet F, Page P, Kearns SD, Pottinger T, White S, Arunkumar P, Olson R, Kofman A, Ibrahim N, Ing A, Brew C, Yap KL, Kadri S, George AL, McNally EM. Genomic autopsy of 103 sudden deaths in the young demonstrates monogenic and oligogenic risk. *Journal of the American Medical Association (JAMA) Cardiology*, 2021; 6 (11): 1247-1256; doi:10.1001/jamacardio.2021.2789.

3. Multan M, Alakija P, Orde M, White S. Autopsy education in Canadian pathology programs: a survey of Canadian trainees. *American Journal of Forensic Medicine and Pathology*, 2020. Published online 21 January 2021; doi:10.1097/PAF.0000000000000665.

4. Gitto L, Serinelli S, Arunkumar P, White SM. Sudden cardiac deaths in adults with congenital heart disease with structural abnormalities: a retrospective review of cases in the Cook County Medical Examiner's Office. *Journal of Forensic Sciences*, 2020; 65 (1): 117-127; doi: 10.1111/1556-4029.14165.

5. Schoppen ZJ, Balmert LC, White S, Olson R, Arunkumar P, Dellefave-Castillo LM, Puckelwartz MJ, George AL, McNally EM, Webster G. Prevalence of Abnormal Heart Weight after Sudden Death in the Young. *Journal of the American Heart Association (JAHA)*, 2020; 9(18): e015699; doi:10.1161/JAHA.120.015699.

6. Tan YT, Fritsch MK, White S, Arva NC. Dissecting the conduction system: Is it worthwhile? *Pediatric and Developmental Pathology*, Nov-Dec 2020; 23 (6): 413-423; doi:10.1177/1093526620944756.

7. Serinelli S, White S, Arunkumar P, Wang D, Gitto L. The outbreak of fentanyl-related deaths in Cook County, Illinois, between October 2015 and December 2017: a retrospective study and comparison with previous data. *Journal of Forensic Sciences*, 2019; 64 (6): 1735-1742: doi:10.1111/1556-4029.14114.

8. Shanks GW, Tester DJ, Ackerman JP, Simpson MA, Behr ER, White SM, Ackerman MJ. Importance of Variant Interpretation in Whole-Exome Molecular Autopsy: A Population-Based Case Series. *Circulation*. 2018; 137(25): 2705-2715; doi:10.1161/CIRCULATIONAHA.117.031053.

9. Serinelli S, Arunkumar P, White S. Undiagnosed congenital heart defects as a cause of sudden, unexpected death in children. *Journal of Forensic Sciences*, 2018; 63 (6): 1750-1755; doi:10.1111/1556-4029.13779.

10. Middleton O, Atherton D, Bundock E, Donner E, Friedman D, Hesdorffer D, Jarrell H, McCrillis A, Meno O, Morey M, Thurman D, Tian N, Tomson T, Tseng Z, White S, Wright C, Devinsky O. National Association of Medical Examiners position paper: Recommendations for the investigation and certification of deaths in people with epilepsy. *Academic Forensic Pathology (NAME).* 2018; 8(1): 119-135; doi:10.23907/2018.009.

11. Middleton O, Atherton D, Bundock E, Donner E, Friedman D, Hesdorffer D, Jarrell H, McCrillis A, Meno O, Morey M, Thurman D, Tian N, Tomson T, Tseng Z, White S, Wright C, Devinsky O. National Association of Medical Examiners position paper: Recommendations for the investigation and certification of deaths in people with epilepsy. *Epilepsia.* 2018; 59(3): 530-543; doi:10.1111/epi.14030.

12. Zhang S, DeBerge M, Yeap XY, Naresh NK, Wang K, Jiang Z, Broussard J, Misener S, White SM, Burridge P, Green KJ, Procissi D, Scott EA, Frazier W, Thorp EB. Acute CD47 Blockade during Ischemic Myocardial Reperfusion Enhances Phagocytosis-Associated Cardiac Repair. *Journal of the American College of Cardiology (JACC): Basic to Translational Science.* 2017; 2(4): 386-397; doi:10.1016/j.jacbts.2017.03.013.

13. Cameron S, White SM, Arrollo D, Shulman S, Rowley AH. Arterial Immune Protein Expression Demonstrates the Complexity of Immune Responses in Kawasaki Disease Arteritis. *Clinical and Experimental Immunology*. 2017; 190 (2): 244-250; doi:10.1111/cei.13010.

14. Hashem SI, Lam ML, Mihardja SS, White SM, Lee RJ, Claycomb WC. Shox2 Regulates the Pacemaker Gene Program in Embryoid Bodies. *Stem Cells and Development* 2013; 22(21):2915-26; doi:10.1089/scd.2013.0123.

15. Collier JJ, White SM, and Scott DK. The phosphatidylinositol 3-kinase inhibitor LY294002 enhances glucose-stimulated insulin secretion and action potential duration independently of voltage-gated calcium influx in INS-1-derived 832/13 cells. *Biochemical and Biophysical Research Communications*. 2004; 324: 1018-1023; doi:10.1016/j.bbrc.2004.09.149.

16. White SM and Claycomb WC. Embryonic stem cells form and organized, functional cardiac conduction system in vitro. *American Journal of Physiology – Heart and Circulatory* Physiology. 2005; 288(2): H670-697; doi:10.1152/ajpheart.00841.2004.

17. Tracy RE and White SM. A method for quantifying adrenocortical nodular hyperplasia at autopsy. Some use of the method in illuminating hypertension and atherosclerosis. *Annals of Diagnostic Pathology*. 2002; 6: 20-29; doi:10.1053/adpa.2002.30606.

18. White SM, Imig JD, Kim TT, Hauschild BC, Inscho EW. Calcium signaling pathways utilized by P2X receptors in freshly isolated preglomerular microvascular smooth muscle cells. *American Journal of Physiology-Renal*. 2001; 280: F1054-1061; doi:10.1152/ajprenal.2001.280.6.F1054.

19. Inscho EW, LeBlanc EA, Pham BT, White SM, Imig JD. Purinoceptor-mediated calcium signaling in preglomerular smooth muscle cells. *Hypertension*. 1999; 33 (1 Pt 2): 453-458; doi:10.1161/01.hyp.33.1.195.

20. Martin LF, White SM, Lindstrom WE. Cost-effectiveness analysis for the surgical treatment of obesity. *World Journal of Surgery* 22: 1008-1017, 1998; doi:10.1007/s002689900508.