

Curriculum Vitae

Allan D. 'Tripp' Nanney, III

Education

Northwestern University-McGaw Hospitals
Feinberg School of Medicine
Department of Neurosurgery
Chicago, IL
MIS Spine and Complex Spinal Deformity Fellowship, Jun-Dec 2015
Faculty: Dr. Tyler R. Koski, MD
Skull Base and Open Cerebrovascular Fellowship, Jan 2016-Present
Faculty: Dr. James P. Chandler, MD

Northwestern University-McGaw Hospitals
Feinberg School of Medicine
Department of Neurosurgery
Chicago, IL
Chief Resident, June 2014-Present

Northwestern University-McGaw Hospitals
Feinberg School of Medicine
Department of Neurosurgery
Chicago, IL
Internship, June 2009-June 2010
Resident Physician, June 2010-June 2014

University of North Carolina at Chapel Hill
School of Medicine
Chapel Hill, NC
Doctor of Medicine, May 2009

University of North Carolina at Chapel Hill
Chapel Hill, NC
B.S. Biology, May 2005
B.A Romance Languages (Spanish), May 2005
Concentration, Chemistry, May 2005

Honors and Awards

University of North Carolina at Chapel Hill School of Medicine

Medical Alumni Loyalty Fund Scholarship Recipient, 2007-2009

Eugene S. Mayer Community Service Honor Society, 2007

Winner, Research Poster Presentation Contest, 2006

Proyecto Puentes de Salud: An Exploration of Cardiovascular Risk Factors in Rural Mexico

12th Annual Conference - NCAFP Winter Family Physicians Weekend, Asheville, NC.

John B Graham Medical Student Research Honor Society, 2006

Working with the Underserved Preceptorship, 2006

University of North Carolina, Department of Family Medicine
Chapel Hill, NC

Zollicoffer Fellow, 2006

University of North Carolina School of Medicine, Chapel Hill, NC

David E. Rogers Fellow, 2006

The New York Academy of Medicine, New York, NY.

University of North Carolina at Chapel Hill

Honors and Highest Distinction, 2005

Department of Biology

Phi Beta Kappa, 2005

Golden Key National Honor Society, 2004

The Sterling Stoudemaire Bronze Medal for Excellence in Spanish, 2005

Dean's List, 9 semesters between August 2000 and May 2005

Leadership Activities/Teaching Experience

Northwestern University

Northwestern Department of Neurosurgery

Chief Resident,

Academic Year 2014-2015

Academic Year 2015-2016

Elected to serve as chief resident two consecutive years during a period of transition in the department due to the passing and replacement of our chairman.

Northwestern Department of Neurosurgery Softball Team

Team Captain, 2012-present

Helped equip and coach the department's team as it worked towards competing in the Annual Neurosurgery Charity Softball Tournament in Central Park, New York City.

*Acting Faculty/Instructor. Simulation Based Neurosurgical Training
October 2012*

Microanastomosis Training Course. *Directed by: James S. Harrop, Darlene Angela Lobel, and Ali R. Rezai.* The Congress of Neurological Surgeons. McCormick Place, Chicago, IL.

University of North Carolina at Chapel Hill School of Medicine

Carolina Cystic Fibrosis Organization, 2006-2009

President and Co-Chair of UNC Med School Golf Classic

This organization plans and runs the annual UNC Med School Golf Classic for UNC Students and Faculty with all proceeds going to Cystic Fibrosis research. Over one hundred golfers from the medical school played in April 2008 to raise over \$5,000.00 for charity and again with similar results in April 2009.

Proyecto Puentes de Salud, 2005-2009

Founding Member of a student run organization with the goal of providing HIV and Cardiovascular Health education and screening to local Hispanic immigrants and to their native community in Mexico through a summer immersion medical outreach. The goals of this project are to continue outreach both in the local and Mexican communities by recruiting new first year students and involving faculty from multiple departments from Duke and UNC Medical Schools. These goals have been realized and the project has achieved considerable success thus far.

Director of Cardiovascular Research, 2005-2007

Served as lead investigator for a novel research project aimed at exploring cardiovascular risk factors in a rural Mexican population with ties to local Latino immigrants. Helped lead a group of medical students to carry out this research endeavor and in subsequent years advised new groups that wished to initiate their own research project regarding cardiovascular disease in Mexican and local Latino populations.

El Proyecto Bienestar, 2006-2007

Lab Coordinator

Helped to train other medical students to use proper lab technique when measuring blood glucose and cholesterol levels and taking blood pressure and other biometrics. Worked with other project leaders to coordinate and carry out successful health screenings and outreach events within the local Latino Community.

Clinical Applications Course Focus Group Member, 2006

Group of Students who work with faculty members to achieve an ideal curriculum for said course

SALSA at SHAC, 2006 - 2007

Provides translation for Hispanic patients at a free student run clinic.

CAMPOS Program, 2005-2009

Certificate of Achievement

Special medical curriculum recognized by the University of North Carolina at Chapel Hill School of Medicine with the goal of improving medical students' ability to communicate with Hispanic patients and enhance sensitivity to their unique cultural identity as it relates to medicine

CAMPOS Skills Lab Coordinator, 2005-2006

Works with faculty members to plan the creation of a skills lab where Spanish-speaking students can participate in simulated patient interviews in Spanish.

Surgical Interest Group, 2005-2009

Group that attends lectures to become more aware of the issues relating to a career path in surgery and surgical sub-specialties.

University of North Carolina at Chapel Hill

National Society of Collegiate Scholars, 2000-2005

Organization of select scholars who complete community service projects

Volunteer for El Pueblo, Inc., 2004-2005

Worked for an organization that advocates for better policies to benefit the Hispanic community.

The Spanish House, 2004-2005

Lived in a community that centered on the theme of learning about Spanish Language and Culture and service projects that would benefit a Hispanic Population.

Study Abroad in Sevilla, Spain, 2003-2004

Immersion program within Sevilla, Spain that included living with a Spanish host family and studying in a Spanish University

Tutor in the Intercambio Program, Sevilla, Spain, 2003-2004

Tutored local Spanish students in their English studies. Included formal help with academic assignments and informal conversational practice.

Academic Pursuits

Peer Reviewed Publications

El Tecle NE, Zammar SG, Hamade YJ, El Ahmadieh TY, Auoun RF, **Nanney AD**, Batjer HH, Dumanian GA, Bendok BR. Use of a harvested radial artery graft with preservation of the vena comitantes to reduce spasm risk and improve graft patency for extracranial to intracranial bypass: Technical note. *Clinical Neurology and Neurosurgery*. 2016 Mar; 142: 65-71.

Hamade YJ, Medicherla CB, Zammar SG, Aoun RJ, **Nanney AD III**, Hoel AW, Patel UA, Bendok BR. Microsurgical Management of Eagle Syndrome With Ipsilateral Carotid-Ophthalmic Aneurysm: 3-Dimensional Operative Video. *Neurosurgery*. 2015 Aug 27.

Smith TR, **Nanney III AD**, Lall RR, Graham RB, McClendon Jr J, Lall RR, Adel JG, Zakarija A, Cote DJ, Chandler JP. Development of Venous Thromboembolism (VTE) in Patients Undergoing Surgery for Brain Tumors: Results from a Single Center over a 10 year Period. *Journal of Clinical Neuroscience*. 2015 March; 22(3): 519-25.

Smith TR, Lall RR, Graham RB, McClendon J, Lall RR, **Nanney AD**, Adel JG, Zakarija A, Chandler JP. Venous Thromboembolism in High Grade Glioma Among Surgical Patients: Results from a Single Center over a 10 Year Period. *Journal of Neuro-Oncology*. 2014 November; 120(2): 347-352.

Hamade YJ, Zammar SG, El Tecle NE, El Ahmadieh TY, **Nanney III AD**, Bendok BR. Brain Plasticity after Stroke: the Potential Role of Memantine. *Neurosurgery*. 2014 October; 75(4): N18-19.

El Tecle NE, El Ahmadieh TY, Bohnen AM, **Nanney III AD**, Bendok BR. Are Hyperlipidemia and Autoimmune Diseases Synergistic in Moyamoya Disease Pathophysiology: Insight from the Midwest. *World Neurosurgery*. 2014 July/August; 82(1-2): 398.

Nanney III AD, El Tecle NE, El Ahmadieh TY, Daou MR, Bit Ivan EN, Marymont MH, Batjer HH, Bendok BR. Intracranial Aneurysms in Previously Irradiated Fields: Literature Review and Case Report. *World Neurosurgery*. 2014 March/April; 81(3/4): 511-519.

Zammar SG, El Ahmadieh TY, El Tecle NE, **Nanney AD**, Bendok BR. Thoughtful Selection of Low Risk Aneurysms for Observation does not Eliminate Rupture Risk. *Neurosurgery*. 2013 December; 73(6): N18-19.

El Ahmadieh TY, Aoun SG, El Tecle NE, **Nanney III AD**, Daou MR, Harrop J, Batjer HH, Bendok BR. A Didactic and Hands-on Module Enhances Resident Microsurgical Knowledge and Technical Skill. *Neurosurgery*. 2013 Oct; 73Suppl 1:S51-56.

El Tecle NE, El Ahmadieh TY, **Nanney III AD**, McClendon Jr J, Bendok BR. Stroke: A Global Killer on the Rise. *World Neurosurgery*. 2013 July/August; 80(1-2): 2-4.

El Ahmadieh TY, Adel JG, El Tecle NE, Daou MR, Aoun SG, **Nanney III AD**, Bendok BR. Surgical Treatment of Elevated Intracranial Pressure: Decompressive Craniectomy and Intracranial Pressure Monitoring. In: Nyquist, Mirski, and Tamargo (Eds.) *Neurosurgery Clinics of North America: Neurocritical Care in Neurosurgery*. Philadelphia, PA. Elsevier In. July 2013.

Nanney III AD. The Role of the sflt-1 Receptor in Vascular Development. University of North Carolina. Biology Honors Thesis. March 2005.

Book Chapters

Nanney III AD, Nieto K, Ganju A. The Intercostal Nerve. In: Fessler and Sekhar (Eds.) *Atlas of Neurosurgical Techniques: Spine and Peripheral Nerves, Second Edition*. RG Fessler and LN Sekhar, Thieme Publishers. (Accepted, In Publication).

El Ahmadieh TY, El Tecle NE, Aoun SG, **Nanney III AD**, Adel JG, Bendok BR. Endovascular Therapies for Saccular Aneurysms of the Internal Carotid Artery. In: *Neurovascular Surgery, Third Edition*. R Spetzler et al. (Eds.), Thieme Publishers. (Accepted, In Publication)

Nanney A, Muro K, Levy RM. Implanted Drug Delivery Systems for Control of Chronic Pain. In: *Essentials of Pain Medicine, Third Edition*. HT Benzon et al, Elsevier In. Chapter 63, 451-461, 2011.

Presentations

Nanney III AD, El Tecle NE, Bit Ivan EN, Zammar SG, El Ahmadieh TY, DiPatri AJ, Bendok BR. Dramatic Growth of a Pediatric Brain Arteriovenous Malformation: Case Illustration and Literature Review. Northwestern University Department of Neurological Surgery Grand Rounds: Chicago, IL. January 29, 2016. Oral Presentation

Aoun RJ, **Nanney AD**, Zammar S, Hamade Y, Koht A, Chandler JP, Tate MC, Bendok BR. Awake Microsurgery for Arteriovenous Malformations, Moyamoya Disease and Cavernous Malformations. 2015 Annual Meeting of the Congress of Neurological Surgeons: New Orleans, LA. September 26-30, 2015. Abstract accepted for Poster Presentation.

Smith TR, **Nanney AD**, Ayer A, Cybulski GR. Meaningful Use of Health Information Technology to Increase Value of Neurosurgical Care. 2014 Annual Meeting of the Neurosurgical Society of America: St. Andrews by the Sea, New Brunswick, Canada. June 8-11, 2014. Abstract accepted for Podium Presentation

Nanney III AD, Arnaout O, Smith TR, McCaslin A, Chandler JP. Gamma Knife Radiosurgery as a Treatment Modality for Pituitary Adenomas. 82nd AANS Annual Scientific Meeting: San Francisco, CA. April 5-9, 2014. Abstract accepted for Electronic Poster Presentation.

Nanney III AD, Smith TR, Rambachan A, Cybulski GR, Chandler JP. Paperless Value: Utilization of Technology to Maximize Rounding Efficiency, Team Communication, and Patient Safety. North American Skull Base Society 24th Annual Meeting 2014 (NASBS 2014): San Diego, CA. February 14-16, 2014. Abstract accepted for Poster Presentation, Abstract ID #52249.

Nanney III AD, Lall R, Lall R, Schumacher A, McCaslin A, Kalapurakal J, Chandler J. Very Low Dose Stereotactic Radiosurgery for Vestibular Schwannoma. North American Skull Base Society 24th Annual Meeting 2014 (NASBS 2014): San Diego, CA. February 14-16, 2014. Abstract accepted for Oral Preferred Paper Presentation, Session PP02.

Bendok BR, Aoun SG, El Ahmadi TY, El Tecl N, **Nanney III A**, Harrop JH, Batjer HH. A Microanastomosis Simulation Curriculum Improves Resident Knowledge and Technical Skills: Results of a Microanastomosis Simulation Course at the 2012 Annual Meeting of the Congress of Neurological Surgeons. Congress of Neurological Surgeons (CNS) 2013 Annual Meeting: San Francisco, CA. October 21, 2013. Neurosurgical Forum, Section of Cerebrovascular Neurosurgery. Poster Presentation (355).

Nanney T. A Retrospective Review of VTE Development in 1147 Patients Admitted for Surgical Treatment of Intracranial Tumor. Department of Neurosurgery Academic Day Grand Rounds: Northwestern University. Chicago, IL. December 14, 2012. Podium Presentation.

Nanney III AD, Adel JG, Smith TR, McClendon Jr J, Chandler JP. A Retrospective Review of VTE Development in 1147 Patients Admitted for Surgical Treatment of Intracranial Neoplasm. 17th Annual Scientific Meeting and Education Day of the Society for Neuro-Oncology (SNO): Washington, D.C. November 15-18, October 2012. Abstract accepted for Poster Presentation.

Nanney T. Intracranial Teratomas. Department of Neurosurgery Academic Day Grand Rounds: Northwestern University, Children's Memorial Hospital. Chicago, IL. January 20, 2012. Oral Presentation.

Nanney T. The Anatomy and Physiology of Cranial Nerves I-VI. Department of Neurosurgery Academic Day Grand Rounds. Northwestern University. Chicago, IL. February 11, 2011. Oral Presentation.

Nanney T. Neurosurgical Management of Spinal Epidural Abscess: A Review of the Literature. Department of Neurosurgery Ground Rounds. University of North Carolina. Chapel Hill, NC. July 23, 2008. Oral Presentation.

Olson KA, Temming LA, Clover CR, **Nanney III AD**, Snyder TD, Nelligan IJ, Rollins AL, Frasier PY, Skinner B, Cohen MG. Cardiovascular Risk Factors in Rural Mexico: Results from Proyecto Puentes de Salud. World Congress of Cardiology; Buenos Aires, Argentina. May, 2008. Poster Presentation; abstract accepted for publication in Circulation.

Olson KA, Temming LA, Clover CR, **Nanney III AD**, Snyder TD, Nelligan IJ, Rollins AL, Frasier PY, Skinner B, Cohen MG. Cardiovascular Risk Factors in Rural Mexico: Results from Proyecto Puentes de Salud. 13th Annual Conference, North Carolina Academy of Family Physicians Winter Weekend; Asheville, NC. November, 2007. Abstract accepted for Poster Presentation.

Snyder TD, **Nanney III AD**, Nelligan IJ, Rollins AL, Reuland D, Skinner BD, Frasier PY, Rojas F, Cohen MG. Prevalence of Cardiovascular Risk Factors in Rural Mexico: Results of the Puentes de Salud Project. American Heart Association 8th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, Washington D.C., May 2007. Abstract accepted for Poster Presentation.

Rollins AL, Nelligan IJ, **Nanney III AD**, Snyder TD, Frasier PF, Reid A, Skinner BD, Reuland D, Cohen MG. Proyecto Puentes de Salud: HIV Risk Factors and Economic Migration in Rural Mexico. 8th Annual Women's Health Research Day. University of North Carolina. Chapel Hill, NC. April 4, 2007. Abstract accepted for Poster Presentation.

Nanney III AD, Snyder TD, Nelligan IJ, Rollins AL, Zeman K, Clarke-Pearson M, Frasier PY, Reuland D, Skinner B, Rojas F, Cohen MG. Prevalence of Cardiovascular Risk Factors in Rural Mexico: Results of the Puentes de Salud Project. Circulation. Vol 115, No 8. American Heart Association 47th Annual Conference on Cardiovascular Disease Epidemiology and Prevention in association with the Council on Nutrition, Physical Activity, and Metabolism. Orlando, FL; Feb 28 – March 3, 2007, Abstract # 456. Abstract accepted for Poster Presentation.

Rojas F, **Nanney III AD**, Nyangweso P. Inequities that Kill: Poverty and Respiratory Infections Among Mapuche Indigenous Peoples in Southern Chile. Monthly Poster Conference, School of Public Health, Office of Research. University of North Carolina. Chapel Hill, NC. February 22, 2007. Poster Presentation.

Nanney III AD, Nelligan IJ, Rollins AL. *Proyecto Puentes de Salud: Project Health Bridges*. University of North Carolina School of Medicine, Eugene S. Mayer Community Service Honor Society, Community Service Day. Chapel Hill, NC. February 17, 2007. Oral Presentation.

Nanney III AD, Snyder TD, Nelligan, IJ, Rollins AL, Zeman K, Clarke-Pearson M, Frasier PY, Reuland D, Skinner B, Rojas F, Cohen MG. *Proyecto Puentes de Salud: An Exploration of Cardiovascular Risk Factors in Rural Mexico*. University of North Carolina School of Medicine, John B. Graham Med Student Research Day. Chapel Hill, NC. January 31, 2007. Abstract accepted for Poster Presentation.

Rollins AL, Nelligan IJ, **Nanney III AD**, Snyder TD, Frasier PF, Reid A, Skinner BD, Reuland D, Cohen MG. *Proyecto Puentes de Salud: HIV Risk Factors and Economic Migration in Rural Mexico*. University of North Carolina School of Medicine, John B. Graham Med Student Research Day. Chapel Hill, NC. January 31, 2007. Abstract accepted for Poster Presentation.

Nanney III AD, Snyder TD, Nelligan, IJ, Rollins AL, Zeman K, Clarke-Pearson M, Frasier PY, Reuland D, Skinner B, Rojas F, Cohen MG. *Proyecto Puentes de Salud: An Exploration of Cardiovascular Risk Factors in Rural Mexico*. 12th Annual Conference, North Carolina Academy of Family Physicians Winter Weekend; December 1, 2006. Abstract accepted for Poster Presentation.

Rollins AL, Nelligan IJ, **Nanney III AD**, Snyder TD, Frasier PF, Reid A, Skinner BD, Reuland D, Cohen MG. *Proyecto Puentes de Salud: HIV Risk Factors and Economic Migration in Rural Mexico*. 12th Annual Conference, North Carolina Academy of Family Physicians Winter Weekend; Asheville, NC. December 1, 2006. Abstract accepted for Poster Presentation.

Nanney III AD, Nelligan IJ, Rollins AL, Snyder TD. *Proyecto Puentes de Salud: Project Health Bridges*. Grand Rounds, Department of Family Medicine, University of North Carolina. Chapel Hill, NC. November 20, 2006. Oral Presentation.

Kappas NC, Zeng G, **Nanney III AD**, Schimizzi A, Kearney JB, Bautch VL. Flt-1 Functions as a Ligand Sink for VEGF in Early Vascular Development. 14th International Vascular Biology Meeting: Noordwijkerhout, The Netherlands. *Vascular Pharmacology*. Vol 45, Issue 3. June 6-10, 2006. Abstract accepted for Oral Presentation.

Nanney III AD. The Role of the sflt-1 Receptor in Vascular Development. University of North Carolina School of Medicine, John B. Graham Medical Student Research Day, January 2006. Oral Presentation.

Nanney III AD. The Role of the sflt-1 Receptor in Vascular Development. University of North Carolina Undergraduate Honors Symposium, April 2005. Oral Presentation.

Research Experience

Northwestern University-Feinberg School of Medicine

Undertook a variety of neurosurgical clinical research projects that resulted in editorials, case reports, peer reviewed publications and abstract presentations at national and international meetings.

Major areas of study included skull base neurosurgery, open cerebrovascular surgery, endovascular neurosurgery, micro-surgical simulation and value based care in neurosurgery.

Mentors: Dr. Bernard R. Bendok, MD, Dr. James P. Chandler, MD and Dr. George R. Cybulski MD, MBA
Department of Neurological Surgery
June 2009-present

University of North Carolina School of Medicine

Served as Lead Investigator of a project that studied cardiovascular disease risk factors in rural Mexicans and also in local Latino immigrants in Orange and Chatham Counties, NC.

Assisted a second research group develop a project to study the effects of migration on the cardiovascular health of rural Mexican populations. Primary goals included longitudinal studies on outcomes and comparative analysis between these two populations.

Mentor: Dr. Mauricio G. Cohen, MD
Department of Cardiology
March 2006-2008

Member of a research team that explored the effects of immigration on HIV risk factors in a rural Mexican population.

Mentor: Dr. Pamela Y. Frasier, MA, MSPH, PhD
Department of Family Medicine
November 2005-2006

University of North Carolina at Chapel Hill

Developing a protocol for imaging of blood vessel cells in vitro by antibody staining of GFP(Green Fluorescent Protein)

Researching the role of sflt-1 in vascular development by differentiation of blood vessels in vitro with the use of mouse embryonic stem cell clones containing an sflt-1 transgene.

Principal Investigator: Dr. Victoria Bautch
Department of Cell and Developmental Biology
January 2003-May 2005

Employment

September 2012-present

Physician Moonlighter
Department of Pediatric Surgery
Division of Pediatric Neurological Surgery
Ann and Robert H. Lurie Children's Hospital
Chicago, IL

June 2009- present

Resident Physician
Department of Neurosurgery
Northwestern University-McGaw Hospitals
Feinberg School of Medicine
Chicago, IL

January 2006-May 2006

Cashier
Cosmic Cantina
Chapel Hill, NC

May 2004-August 2004

May 2005-August 2005

Anesthesiology Technician Assistant
Carolina's Medical Center
Charlotte, NC

March 2002-December 2002

Assistant Research Technician in Lab of Dr. Victoria Bautch
Department of Cell and Developmental Biology
Chapel Hill, NC

May 2001-August 2001

Head of Shipping, Receiving, and Delivery Department
API, Inc.
Charlotte, NC

Languages

English, Spanish

Interests

Foreign Language, Travel, Marathon Training, Film, Reading,
Sports, American History, Military History, Billiards, Biking

References

James P. Chandler MD, Professor
Vice Chairman and Chairman of Clinical Affairs
Fellowship Coordinator and Mentor
Northwestern University, Feinberg School of Medicine
Department of Neurosurgery
jchandle@nm.org
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Suite 2210
Chicago IL 60611
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Tyler R. Koski MD, Associate Professor
Director, Northwestern Spine Center
Fellowship Coordinator and Mentor
Northwestern University, Feinberg School of Medicine
Department of Neurosurgery
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George R. Cybulski MD MBA, Associate Professor
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