

# Nicholas J. Walker, M.D.

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## EDUCATION

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**Atrium Health Wake Forest Baptist Department of Plastic and Reconstructive Surgery/ Plastic Surgery**  
Integrated Residency/Fellowship  
July 2014 – June 2020, Winston Salem, NC

**LSU Health Sciences Center School of Medicine / M.D.**  
August 2010-May 2014, New Orleans, LA  
GPA 4.0/4.0

**Nicholls State University / B.S. in Biology, Minor in Chemistry, Honors Program**  
August 2006-May 2010, Thibodaux, LA  
GPA 4.0/4.0

## EXPERIENCE

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**Walker Plastic Surgery and Medspa / Owner/Plastic and Reconstructive Surgeon**  
July 2020 – Current, Frisco, TX

**Wake Forest Baptist Medical Center, Department of Plastic and Reconstructive Surgery / Plastic Surgery**  
Resident  
July 2014 – June 2020, Winston Salem, NC

**Louisiana State University Health and Sciences Center / Summer Research Intern**  
May 2011 - August 2011, New Orleans, LA

**Nicholls State University Biology Research Lab / Research Assistant**  
August 2007 - May 2010, Thibodaux, LA

**LA Biomedical Research Network Summer Research Internship / Summer Research Intern**  
May 2008 - August 2008, Baton Rouge, LA

## AWARDS

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- 2023: Frisco Style Top Doctor recipient
- 2021: 2021-2022 Living Magazine Best Plastic Surgeon
- 2020: Wake Forest Resident Award: Highest In Service Score
- 2018: 2018 North Carolina/South Carolina Society of Plastic Surgery Georgiade Award co-recipient
- 2018: 2018 Wake Forest Plastic Surgery Research Resident of the Year
- 2017: 2017 North Carolina/South Carolina Society of Plastic Surgery Georgiade Award co-recipient
- 2013: Alpha Omega Alpha Honors Society inductee, Junior Year
- 2010-2011: LSUHSC CSE and PDE credit recipient: These two honors are reserved for those students who go above and beyond to serve both their community and medical school, respectively.

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- 2010: Summa Cum Laude Graduate; Nicholls State University
  - 2010: Nicholls State University Hall of Fame inductee
  - 2010: Who's Who Among Students in American Universities and Colleges inductee
  - 2010: Dr. Richard Morvant, Sr. Award-Outstanding Student in Biology
  - 2010: James H. Madden, Sr. Family Award-Outstanding Undergraduate Research in Biological Sciences
  - 2010: Lafourche Parish Medical Society-Outstanding Student in Pre-Medicine
  - 2009: 1st Place Undergraduate Oral Presentation at the 83rd Annual Meeting of the Louisiana Academy of Sciences
  - 2008: 2nd Place Undergraduate Oral Presentation at the 82nd Annual Meeting of the Louisiana Academy of Sciences
  - 2007: 1st Place Undergraduate Poster Competition; South Central Branch of the American Society for Microbiology Annual Conference
  - 2006-2010: NSU Merit Scholar
  - 2006-2007: Phi Kappa Phi Freshman of the Year
  - 2006-2007: Student Worker of the Year finalist

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#### LEADERSHIP

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- 2020-Current: Owner/Medical Director Walker Plastic Surgery and Medspa
- 2020: Chief Resident Wake Forest Plastic Surgery
- 2017-2020: American Society of Plastic Surgery Curriculum Development Subcommittee
- 2015-2016: Plastic Surgery Education Network non-clinical subcommittee member
- 2010-2012: Head of Medical Research Interest Group for Class of 2014

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#### RESEARCH PRESENTATIONS

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1. **Walker**, Nicholas J., Park, Jungwon, Rebowe, Ryan, Motamedi, Vida, Marks, Malcolm, Runyan, Christopher, Tucker, Scott. Pre-pectoral vs Sub-pectoral Breast Reconstruction in High Body Mass Index Patients. Presented at 2019 North Carolina Society of Plastic Surgery Meeting in Cary, NC, September 2019.
2. Park, Jungwon, **Walker**, Nicholas J., Rebowe, Ryan, Motamedi, Vida, Marks, Malcolm, Runyan, Christopher, Tucker, Scott. Pre-pectoral vs Sub-pectoral Breast Reconstruction in High Body Mass Index Patients. Presented at 2019 American Society of Plastic Surgery Meeting in San Diego, CA, September 2019.
3. **Walker**, Nicholas J., Park, Jungwon, Rebowe, Ryan, Motamedi, Vida, Marks, Malcolm, Runyan, Christopher, Tucker, Scott. Pre-pectoral vs Sub-pectoral Breast Reconstruction in High Body Mass Index Patients. Presented at 2019 Southeastern Society of Plastic and Reconstructive Surgeons Annual Meeting. Naples, Florida. June, 2019.
4. Walker, Nicholas J, Steele, Thomas, Branch, Leslie, Priest, Olivia, Webb, Lindsey W. Marks, Malcolm W. Z-Plasty TranspositionFlap: Expanding the Applications. Poster Presented at 2019 Southeastern Society of Plastic and Reconstructive Surgeons Annual Meeting. Naples, Florida. June, 2019.
5. J. Genevieve Park, Nicholas J. **Walker**, SM Damaraju, BR Mintz, A Gandhi,, R Ingram, Joseph A. Molnar. Validation and Characterization of an Immediate, One-Stage Technique to Treat Full-Thickness Wounds in Swine. Presented at the North Carolina/South Carolina Society of Plastic Surgery Annual Meeting. November, 2018.
6. Rudolph, Megan A., **Walker**, Nicholas J., Rebowe, Ryan E., Marks, Malcolm W. An Update on Outcomes and Applications-A Review of the Cross Paramedian Flap Over 19 Years. Presented at the American Society of Plastic Surgery Annual Meeting. September 29, 2018.
7. **Walker**, Nicholas J, Rebowe, Ryan, Allred, Lindsay, Craig, Chris, Williams, Jeffrey, Holmes, James, Carter, Jeffrey, Molnar, Joseph. Initial Experience with Autologous Cell Suspension for Facial Burns. Presented at the 2018 American Burn Association Meeting. Chicago, IL. April 12, 2018.
8. **Walker**, Nicholas J, Rebowe, Ryan, Allred, Lindsay, Craig, Chris, Williams, Jeffrey, Holmes, James, Carter, Jeffrey, Molnar, Joseph. Initial Experience with Autologous Cell Suspension for Facial Burns. 2017 Wake Forest Baptist Resident and Fellow's Research Day. Winston Salem, NC. Nov 16, 2017.

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9. Rebowe, Ryan, **Walker**, Nicholas; Marks, Malcolm; Argenta, Louis, Morykwas, Michael, Pestana, Ivo. Salvage of Venous Congested Muscle Flaps Using Negative Pressure Wound Therapy. Presented at 2017 North Carolina Society of Plastic Surgery. Asheville, NC. October 28, 2017
  10. **Walker**, Nicholas J, Rebowe, Ryan, Allred, Lindsay, Craig, Chris, Williams, Jeffrey, Holmes, James, Carter, Jeffrey, Molnar, Joseph. Initial Experience with Autologous Cell Suspension for Facial Burns. Presented at Southern Regional Burn Meeting. Miami, FL. November 4, 2017
  11. **Walker**, N, Pestana, I. Mastectomy Patterns and their Autologous Breast Reconstruction Skin Paddle Designs: A Classification System. Presented at the 2017 American Society of Plastic Surgery Annual Meeting. Orlando, FL. October 7, 2017
  12. **Walker**, N, Pestana, I. Mastectomy Patterns and their Autologous Breast Reconstruction Skin Paddle Designs: A Classification System. Presented at 2017 NC/SC American College of Surgeons Annual Meeting. Pinehurst, NC. July 14, 2017
  13. **Walker**, N, Pestana, I. Mastectomy Pattern Influence on Autologous Breast Reconstruction Aesthetic Outcomes. Presented at 2016 Wake Forest Baptist Resident and Fellow's Research Day. Winston Salem, NC. Nov 8, 2016.
  14. Rebowe, R, **Walker**, N, Kearns, M, Hollingsworth, C, Adams, F, Morykwas, M, Argenta, L, and Pestana, I. Salvage of Venous Congested Muscle Flaps with Negative Pressure Wound Therapy. Presented at 2016 Wake Forest Baptist Resident and Fellow's Research Day. Winston Salem, NC. Nov 8, 2016.
  15. Satteson ES, Driscoll C, Khan M, **Walker** NJ, Rebowe R, Bagg MR, Person DW, Tannan SC. Abductor Pollicis Longus Suspensionplasty compared to Ligament Reconstruction and Tendon Interposition. Presentation at the 5th Annual Extremity Summit Wake Forest Hand Alumni Meeting. June 2016
  16. **Walker**, N., Pestana, I., Clayton C. 2015. Post Mastectomy Flap Resection Patterns In Autologous Breast Reconstruction: Characterization, Outcomes, and Influences. Paper Presented at the 2015 Wake Forest Baptist Resident and Fellow's Research Day. Winston Salem, NC. Nov 19, 2015.
  17. **Walker**, N., Gould III, H., Paul, D. 2013. Use of Veratridine in Activation of Voltage Gated Sodium Channels during Targeted Osmotic Lysis of Invasive Breast Cancer. Paper Presented at 2013 National Student Research Forum. Galveston, TX. April 25-26, 2013.
  18. **Walker**, N., Ward, D., and Paul, D. 2011. Use of Veratridine in Activation of Voltage Gated Sodium Channels during Targeted Osmotic Lysis of Invasive Breast Cancer. Paper Presented at The 2011 LSUHSC Medical Student Research Day. New Orleans, LA. Oct. 14, 2011.
  19. **Walker**, N., Ward, D., Doring, P., and Paul, D. 2011. Targeted Osmotic Lysis of Invasive Breast Cancer. Paper Presented at The 2011 LSUHSC Summer Research Symposium. New Orleans, LA. July 29, 2011.
  20. **Walker** N. and J. P. Doucet. 2010. Toward Discovering the "H.M." Mutation: A Preliminary Genealogical Study Paper Presented at the 84th Annual Meeting of the Louisiana Academy of Sciences. Alexandria, LA. Feb 27, 2010.
  21. **Walker**, N. and R. Boopathy. 2009. Bio-Ethanol Production from Sugarcane Bagasse. Paper Presented at the 70th Annual Meeting of the Association of Southeastern Biologists. Birmingham, AL. April 1-4, 2009.
  22. **Walker**, N. and R. Boopathy. 2009. Bio-Ethanol Production from Post-Harvest Agricultural Residues. Paper Presented at the 83rd Annual Meeting of the Louisiana Academy of Sciences. Hammond, LA. Feb. 27, 2009.
  23. **Walker**, N. and Young, David. 2008. Thermoelectrics: Optimizing the Thermoelectric Figure of Merit of Ionic Materials. Paper Presented at the LSU Summer Undergraduate Research Forum. Baton Rouge, LA. July 31, 2008.
  24. **Walker**, N. and R. Boopathy. 2008. Presence of Pathogenic and Non-Pathogenic Bacteria in U.S. Dollar Bills in Circulation in Thibodaux, LA. Paper Presented at the ULL Fall Sciences Invitational. Lafayette, LA. November 14, 2008.
  25. **Walker**, N. and R. Boopathy. 2008. Presence of Pathogenic and Non-Pathogenic Bacteria in U.S. Dollar Bills in Circulation in Thibodaux, LA. Paper Presented at the Louisiana Academy of Sciences 82nd Annual Meeting. Natchitoches. March 14, 2008.
  26. **Walker**, N. and R. Boopathy. 2007. Presence of Pathogenic Bacteria in the U.S. Currency in Circulation in Thibodaux, Louisiana. Paper Presented at the South Central Branch of American Society for Microbiology Annual Conference. Little Rock, AR. Nov 2-3, 2007.

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## RESEARCH PUBLICATIONS

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1. Nicholas J. **Walker, MD** Jungwon G. Park, MD, PhD, Jacon C. Maus, MD, Vida Motamedi, BA, Ryan E. Rebowe, MD, Christopher M. Runyan, MD, PhD, and Scott L. Tucker, MD. Prepectoral Versus Subpectoral Breast Reconstruction in High-Body Mass Index Patients. 2021. *Annals of Plastic Surgery*. DOI:10.1097/SAP.0000000000002682.
2. Satteson ES, Driscoll C, Khan M, **Walker** NJ, Bagg MR, Person DW, Tannan SC. Efficacy of Abductor Pollicis Longus Suspensionplasty Compared to Ligament Reconstruction and Tendon Interposition. *Hand*. 2020, Feb 26
3. Joseph A Molnar, MD, PhD, Nicholas **Walker**, MD, Thomas N Steele, MD, Christopher Craig, DMSc, MMS, PA-C, Jeffrey Williams, MMS, PA-C, Jeffrey E Carter, MD, James H Holmes, IV, MD. Initial Experience with Autologous Cell Suspension for Treatment of Deep Partial Thickness Facial Burns. *Journal of Burn Care and Research*. 2020
4. **Walker**, Nicholas J, Jones, Veronica M, Kratky, Lauren, Chen, Haiying, Runyan, Christopher. Hematoma Risks of Non-Steroidal Anti-inflammatory Drugs used in Plastic Surgery Procedures: A Systematic Review and Meta-analysis. *Annals of Plastic Surgery*. 2019
5. **Walker**, Nicholas J., Pestana, Ivo A. Autologous Breast Reconstruction Skin Paddle Designs: Classification & Aesthetic Outcomes. *Journal of Reconstructive Microsurgery Open*. 2019
6. Rudolph, Megan A., **Walker**, Nicholas J., Rebowe, Ryan E., Marks, Malcolm W. Broadening Applications and Insights into the Cross Paramedian Forehead Flap over a 19-Year Period. *JPRAS*. 2019
7. **Walker**, Nicholas J, Crantford, John C, David, Lisa R. Chief Resident Cosmetic Clinics: An Analysis of Resident Experience and Outcomes over a 13 Year Period. *Annals of Plastic Surgery*. 2018.
8. **Walker**, Nicholas J. Cleft Lip. St. Petersburg FL, StatPearls Publishing, LLC, 2018
9. Satteson ES, **Walker** NJ, CJ Tuohy, Molnar JA. Extensive hand thermal and blast injury from electronic cigarette explosion: A case report. *HAND*
10. Michael Reynolds, David A. Kelly, Nicholas J. **Walker**, Clayton Crantford, Anthony Defranzo.. Use of Integra® in the Management of Complex Hand Wounds from Cancer Resection and Non-Burn Trauma . *HAND* 1–6 © American Association for Hand Surgery, 2017, DOI: 10.1177/1558944717692090
11. **Walker**, Nicholas. Thermal Burns. St. Petersburg FL, StatPearls Publishing, LLC, 2016
12. **Walker**, N. and R. Boopathy. 2012. Bio-ethanol production from post-harvest agricultural residues. *Proceedings of the Louisiana Academy of Sciences* 2012; 1:17.

### *Manuscripts in Progress:*

13. Steele, Thomas, **Walker**, Nicholas J., Priest, Olivia, Marks, Malcolm. Dart Application for Closure of Lower Extremity Wounds. 2018. In progress

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## COMMUNITY SERVICE

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- **Operation Smile: 2024-Present**
  - Operation Smile provides comprehensive cleft and burn care to children throughout the world in regions without proper resources for care. As an Operation Smile Credentialed Burn Surgeon, my role is education of other surgeons in advanced burn care in addition to mission work to directly provide burn care in underserved areas.
- **Walker Plastic Surgery Sponsorships: 2020-Present**
  - Part of the mission of Walker Plastic Surgery is to give back to the community that supports us. Walker Plastic Surgery has been a proud to sponsor multiple great causes in the community for

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many years, including sponsorship of local schools in Frisco Texas, The Annual Newman Village Lemonade Stand, Frisco Women's League, The Frisco Chamber of Commerce, and donations to benefits supporting breast cancer as well as those benefiting families who have children with special needs.

- ***Mission Work in Cochabamba, Bolivia: 2018***
  - This community is grossly underserved by Reconstructive Plastic Surgeons, specifically for pediatric patients. This mission trip has been performed yearly for more than 10 years by the Plastic and Reconstructive Surgery Dept at Wake Forest, with the main goal of performing Reconstructive surgery on the pediatric burn patient population.
- ***Mission Work in Moldova, Eastern Europe: 2015***
  - The Plastic and Reconstructive Surgery Dept at Wake Forest time has a long standing 13 year relationship with the country of Moldova to assist in development of a program to treat children with congenital disorders, mainly craniosynostosis. I spent several weeks in 2015 performing these surgeries and assisting in training their Neurosurgery and Oral Maxillofacial Surgery Departments in performing these life saving surgeries.
- ***LSU Student Run Homeless Clinic volunteer physician: 2013***
  - The LSU homeless clinics are run entirely by first through fourth year medical students and provide free medical advice, medicine, TB shots, and many other services to those in the community who cannot otherwise afford it.
- ***Habitat For Humanity volunteer: 2012***
  - Habitat is a well-established nonprofit organization that helps build homes for low-income families and those in need around the world.
- ***LSUHSC Science Partnership: 2012***
  - The LSUHSC Science Partnership is a program operated by LSU students with the goal of bringing science into the classrooms of public schools throughout the city.
- ***New Orleans Dream Center volunteer student physician: 2011***
  - New Orleans Dream Center Mobile Medical Unit is an organization run solely by volunteers that offers free medical service to those less fortunate. Physician visits, prescription medicine, and dental work is provided free of charge.
- ***NSU Research Mentor Funding project: 2011***
  - I have been an active participant in my alumni's NSU Research Mentor Funding project, which helps raise money for students to take part in undergraduate research and helps them find mentors to guide them through preparing, writing, and submitting original research for publication. My contributions included overseeing a fundraising video and coordinating logistics between NSU and LSUHSC-NO.
- ***SIGMA volunteer: 2011-2014***
  - SIGMA is a volunteer organization started by members of the LSUHSC class of 2014 interested in music and the arts. It serves the community through music by putting on concerts to raise money for great causes like Camp Tiger and Operation Smile and through visits to children in the hospital.
  
- ***American Heart Association Basic Life Saving Instructor: 2010-2012***
  - I taught medical students the skills required to receive basic life saving certification such as CPR and use of an AED as well as responding to a choking patient.
- ***Volunteer Tutor: 2010-2012***
  - Provided free tutoring services to classmates in Medical Histology and Gross Anatomy and conducted Gross Anatomy cadaver lab review sessions to help Freshman students prepare for Anatomy practicals.
- ***LSUHSC Camp Tiger volunteer: 2010, 2011***
  - Camp Tiger is a free week long summer day camp for hundreds of mentally and physically challenged children. It is funded through multiple fundraisers, donations, and auctions set up by our first and second year medical students and the camp itself is also staffed and organized by our students.

## PROFESSIONAL MEMBERSHIPS

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- Operation Smile Internationally Certified Burn Surgeon-2024-Present
- American Board of Plastic Surgery Member: 2022-Present
- Dallas Society of Plastic Surgeons Member: 2022-Present
- Texas Society of Plastic Surgery: 2022-Present
- Aesthetic Society Member: 2022-Present
- American Society of Plastic Surgery Member: 2021-Present
- Alpha Omega Alpha Honor Society: 2013-Present

## PROFESSIONAL REFERENCES

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- **Lisa R. David / MD, MBA, FACS.**  
Chair, Program Director, Professor, Wake Forest Plastic and Reconstructive Surgery 1.336.978.4036: [ldavid@wakehealth.edu](mailto:ldavid@wakehealth.edu)
- **Christopher Runyan / MD, PhD**  
Program Director, Associate Professor, Wake Forest Plastic and Reconstructive Surgery 1.336.971.6293: [crunyan@wakehealth.edu](mailto:crunyan@wakehealth.edu)
- **Scott Harris / MD**  
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- **Farridy Cocco / MD**  
Plastic Surgeon, Aesthetic Plastic Surgery  
1.336.971.6293: [doctor@drcocco.com](mailto:doctor@drcocco.com)
- **Chase Derrick / MD**  
Plastic Surgeon, Derrick Plastic Surgery  
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