

Curriculum Vitae

Nicholas Astor Zoumberos, M.D.

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Date of Birth: March 3rd 1986

Current Position: Assistant Professor of Dermatology and Pathology - University of Arkansas for Medical Sciences

Education:

2007-2011	B.S. - Chemistry- University of South Florida, Tampa, FL
2012-2016	M.D. - Tulane University School of Medicine, New Orleans, LA

Post Graduate Education:

2016-2020	Resident in Pathology AP/CP- University of Michigan, Ann Arbor, MI
2020-2021	Fellow in Dermatopathology- University of Michigan, Ann Arbor, MI

Academic Appointments:

7/2021-Present	Assistant Professor, Departments of Pathology and Dermatology, University of Arkansas for Medical Sciences, Little Rock, AR
7/2021-Present	Clinical Director – Musculoskeletal and Cutaneous Preclinical Course for Medical Students, University of Arkansas for Medical Sciences, Little Rock, AR
8/2021-7/2024	Associate Director, UAMS Dermatopathology Fellowship Program
7/2024-Present	Program Director, UAMS Dermatopathology Fellowship Program

Clinical Appointments:

3/2024-Present:	Consultant Dermatopathologist – Michigan Pathology Specialists – Grand Rapids, MI
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Board Certification:

Anatomic and Clinical Pathology (American Board of Pathology)
Dermatopathology (American Board of Pathology)

Medical Licensure:

State of Arkansas - Active
State of Michigan - Active

Awards and Honors:

2009	Jay Worrel Memorial Scholarship	University of South Florida
2010	ACS Inorganic Chemistry Award	University of South Florida
2016	ASCP 2017 Annual Meeting Resident Travel Scholarship	American Society for Clinical Pathology
2023	Red Sash "Outstanding Faculty" Award	University of Arkansas for Medical Sciences
2024	Top 10 Most Cited Paper	Journal of Cutaneous Pathology

Clinical activities:

2021- Present:

University of Arkansas for Medical Sciences, Anatomic Pathology: Dermatopathology
Covering in-patient, outpatient, community dermatopathology specimens, and private
consultations in dermatopathology, comprising up to 18,000 specimens per year

John L. McClellan Veterans Administration Medical Center, Anatomic Pathology: Dermatopathology consultations

Arkansas Children's Hospital, Anatomic Pathology: Dermatopathology consultations

Little Rock Dermatology Clinic: Cover outpatient dermatology specimens, up to 3000 specimens a year.

2024- Present:

Michigan Pathology Specialists, Consultant Dermatopathologist: Provide digital dermatopathology services
including biopsy and excision interpretation (approximately 4000 specimens per
year), departmental consultation, and clinical liaison.

Clinical and Research Mentoring Experience:

2021-2022: Dermatopathology Fellow- Dr. Bre Ana David
Currently: private practice in Florida

2021-Present: Faculty mentor of resident- Dr. Eleonora Fiorletta-Quiroga

2022- 2023: Dermatopathology Fellow- Dr. Kellen Dawson
Currently: private practice in Mississippi

2023-2024: Dermatopathology Fellow- Dr. Miki Lindsey

2023-Present: Faculty mentor of resident- Dr. Sumit Shah

2024-Present: Faculty mentor of resident- Dr. Carli Cox

2024-Present: Faculty mentor of resident- Dr. Kate Janda

Memberships in Professional Societies:

2016-Present: College of American Pathologists, member
2016-Present: United States and Canadian Academy of Pathology, member
2016-2021: Michigan Society of Pathologists, member
2017-Present: American Society for Dermatopathology, member
2018-Present: Arthur Purdy Stout Society of Surgical Pathologists, member
2021-Present: Arkansas Medical Society, member
2021-Present: Arkansas Pathology Society

Professional Activities:

National/International Committees

United States and Canadian Academy of Pathology

2019-2021: Education Committee
2019: Abstract reviewer for 2020 meeting
2020: Abstract reviewer for 2021 meeting

American Society of Dermatopathology

2019-2020: Ethics Committee
2021-2022: Membership Committee
2022-2024: Awards Committee

American Board of Pathology

2019-2021: Resident and Fellow Advisory Committee

University and Hospital Committees-University of Arkansas for Medical Sciences

2021-Present: Basic Science Curriculum Committee
2021-Present: Curriculum committee
2021-Present: Pathology Program Evaluation Committee
2021-Present: Task Force for Curriculum Redevelopment

University and Hospital Committees- University of Michigan

2017-2019: Anatomic Pathology Curriculum Committee

Professional development courses

Laboratory Management University – American Society of Clinical Pathology - 2019

Invited Lectures and Presentations, National/International

1. American Society of Dermatopathology, “Melanoma with sporadic BAP1 loss” Duel in Dermatopathology, Chicago, IL 2018

Invited Lectures and Presentations, State/University

1. University of Michigan Department of Pathology Grand Rounds, “Primary Cardiac Angiosarcoma”, Ann Arbor MI; 2016

2. University of Michigan Department of Pathology Grand Rounds, "Merkel Cell Carcinoma: A Deadly Mimic", Ann Arbor MI; 2018
3. University of Michigan Department of Pathology Grand Rounds, "Direct Immunofluorescence in the Evaluation of Cutaneous and Mucosal Lesions" Ann Arbor MI; 2018
4. University of Michigan Department of Pathology Grand Rounds, "Delineation of Atypical Spitz Tumors by Molecular Methods" Ann Arbor MI; 2019
5. University of Arkansas for Medical Sciences Department of Pathology Grand Rounds "Methods for the Delineation of Difficult Melanocytic Lesions" Little Rock AR, 2021
6. University of Arkansas for Medical Sciences Department of Dermatology 4th Annual Fall Symposium "Updates on Skin Cancer Screening", Little Rock AR; 2022

Teaching Activities:

Pathology Residents, University of Michigan:

2018-19 Organizer of weekly unknown slide sessions

Dermatology Residents, University of Michigan:

2020-2021: Weekly dermatopathology slide sessions and lectures regarding dermatopathology

Medical Students, University of Arkansas for Medical Sciences:

2021-Present: Clinical co-director of the musculoscutaneous block for second year medical students

2022 Lecture – Inflammatory Dermatology

2022 Lecture – Fungal infections of the skin

2022 Lecture – Cutaneous neoplasms

2022 Lecture/Review – Dermatology

2022 Lecture/Review – Muscle and Skeletal

2023 Lecture – Inflammatory Dermatology

2023 Lecture – Cutaneous neoplasms

2023 Lecture/Review – Dermatology

2023 Lecture/Review – Muscle and Skeleta

Dermatology Residents, University of Arkansas for Medical Sciences:

2021-Present: Daily instruction and consultation in dermatopathology (daily)

2021: Slide sessions and didactic lectures (Monthly)

2022: Slide sessions and didactic lectures (Monthly)

2023: Slide sessions and didactic lectures (Monthly)

Pathology Residents, University of Arkansas for Medical Sciences:

2021-Present: Daily instruction and consultation in dermatopathology (daily)

2021-Present: Director, dermatopathology rotation director for pathology residents

2021-Present: Anatomic Pathology Didactic lectures (3 per year)

2021-Present: Surgical Pathology Specialty Unknown Conference (1-2/year)

Dermatopathology Fellow, University of Arkansas for Medical Sciences:

2021-Present: Daily instruction and consultation in dermatopathology (daily)

2021-Present: Fellow slide sessions and journal clubs (weekly)

2021-Present: Anatomic Pathology Didactic lectures (3 per year)

Peer Reviewed Publications:

1. **Zoumberos NA**, McMullen ER, Wang L, Wang X., Harms K, Tejasvi T, Chan M, Fullen D, Hristov A, Harms PW. Merkel cell carcinoma arising in association with cutaneous T-cell lymphoma: A potential diagnostic pitfall. 2019 Journal of Cutaneous Pathology, 46(3), pp. 199-203.
2. McMullen ER, **Zoumberos NA**, Kleer CG. Metaplastic Breast Carcinoma: Update on Histopathology and Molecular Alterations. 2020 Archives of Pathology and Laboratory Medicine. 143 (12), pp. 1492-1496.
3. Miller TI, **Zoumberos NA**, Johnson, B, Rhodes DR, Chan MP, Andea AA, Lucas DR, McHugh JB, Smith N, Harms KL, Brewer C, Saleh J, Patel RM, Harms PW. A Genomic Survey of Sarcomas on Sun-Exposed Skin Reveals Distinctive Candidate Drivers and Potentially Targetable Mutations. 2020 Human Pathology; 102:60-69
4. Plotzke JM, **Zoumberos NA**, Hrycaj SM, Harms PW, Bresler SC, Chan MP. PRAME expression is similar in scar and desmoplastic melanoma. J Cutan Pathol. 2022;49(9):829-832.
5. Chandler BM, Drolshagen H, **Zoumberos N**, Evans MS. Scalp nodule associated with hair loss. Cutis. 2023;111(5):244-253.
6. Drolshagen H, **Zoumberos N**, Shalin S. Bullous tinea: single-center retrospective histopathologic review of 25 skin biopsies. Arch Pathol Lab Med. 2023;147(11):1327-1332.
7. Davis A, **Zoumberos N**, Guram M, Evans MS. Evolving red papule in a patient with oculocutaneous albinism. Pediatr Dermatol. 2023;40(3):553-555.
8. Campbell K, Fiorletta-Quiroga E, Dunn A, **Zoumberos NA**, Quick CM 2022 Eccrine Porocarcinoma of the Vulva with Sarcomatoid Transformation, a New HPV-Associated Malignancy? Case Report and Review of the Literature. Int J Gynecol Pathol. 2023 Nov 1;42(6):561-566.
9. McKinnon AT, Phelan PS, **Zoumberos NA**, Evans MS. Severe anogenital ulceration in a preterm neonate. Pediatr Dermatol. 2022;39(6):976-978.
10. Ly S, Guram M, **Zoumberos N**, Kincannon J, Evans MS. Annular erythema of infancy: A rare and challenging diagnosis. Pediatr Dermatol. Published online January 4, 2023
11. Zengin S, Guthrie J, **Zoumberos N**, Hamza M, Shalin SC. Sebaceous gland atrophy due to seborrheic dermatitis in a patient with alopecia: A potential pitfall. J Cutan Pathol. Published online April 13, 2024.
12. Almashd A, Lindsey M, Zoumberos NA, Shalin SC. Perineuriomatous melanocytic nevi: A case series of four cases. *In review* at Journal of Cutaneous Pathology

Abstracts and Poster Presentations:

1. Zoumberos NA, Luebke R, Eddaoudi M. Targeted Synthesis of Metal Organic Frameworks Featuring Single-Ion Molecular Building Blocks.
Poster presented at University of South Florida Castle Conference, 2011

Tampa, FL

2. **Zoumberos NA**, Luebke R, Wojtas L, Zaworotko M, Eddaoudi M. Control of Coordination Isomers Using Structure Directing Agents.
Poster presented at University of South Florida Castle Conference, 2011
Tampa, FL
3. **Zoumberos NA**, Tejasvi T, Harms K, Fullen D, Harms P. Intraepidermal Merkel Cell Carcinoma Mimicking Epidermotropic T-Cells in a Sezary Syndrome Patient.
Poster presented at The American Society of Dermatopathology 54th Annual Meeting, 2017
Baltimore, MD
4. Gupta A, **Zoumberos NA**, Gordon D, Wilson A, McFadden, K. Cerebral Vasculitis in a Young Adult: A Diagnostic Algorithm for the Medical Examiner.
Oral presentation at The National Association of Medical Examiners
Annual Meeting, 2017
Scottsdale, AZ
5. **Zoumberos NA**, Bradt A, Harms PW, Chan M, Patel RM, Hristov A, Lowe L, Fullen DR, Andea A. Melanoma with Sporadic BAP1 Loss: Navigating a Potential Pitfall in Borderline Melanocytic Lesions
Oral presentation at The American Society of Dermatopathology.
55th Annual Meeting, 2018
6. **Zoumberos NA**, Wu K, Wang M, Harms P, Chan M, Patel R, Lowe L, Fullen D, Andea A. High Rate of FISH False Negative Results in the Detection of Homozygous Loss of CDKN2A in Difficult Melanocytic Tumors.
Poster presented at the United States and Canadian Academy of Pathology 2018 Annual Meeting
Vancouver, BC
7. Bradt A, **Zoumberos NA**, Harms P, Chan M, Patel R, Hristov A, Lowe L, Fullen D, Andea A. Clinical Impact of SNP Microarray/FISH Molecular Studies in the Diagnosis of Ambiguous Melanocytic Tumors.
Oral Platform Presentation
USCAP 108th Annual Meeting, 2019
8. Shah S, David B, Jennings T, Shalin SC, **Zoumberos NA**. Pleomorphic Dermal Sarcoma with Granular Cell Features Mimicking Non-Neural Granular Cell Tumor: A potential Diagnostic Pitfall.
Poster presented at the American Society of Dermatopathology 59th annual meeting, 2022
9. Chandler B, **Zoumberos NA**, Evans MS. Alopecic and Aseptic Nodule of the Scalp: A Likely Underdiagnosed Condition.
Poster presented at the American Society of Dermatopathology 59th annual meeting, 2022
10. Dawson K, Shalin SC, **Zoumberos NA**. Perineuriomatous nevi: Two cases of a unique diagnostic entity and a helpful clue to their diagnosis.
Poster presented at the American Society of Dermatopathology 59th annual meeting, 2022
11. Fiorletta-Quiroga E, **Zoumberos NA**, Shalin SC, Campbell KK, Quick CM. Verruciform Xanthoma – A Mimic of Viral Genital Warts.
Poster presented at the American Society of Dermatopathology 59th annual meeting, 2022
12. Rollins BT, **Zoumberos NA**, Shalin SC. An atypical lymphocytic panniculitis: lupus or an evolving lymphoproliferative disorder?
Poster presented at the American Society of Dermatopathology 59th annual meeting, 2022
13. Zengin S, Guthrie J, **Zoumberos N**, Hamza M, Shalin SC. Sebaceous gland atrophy due to seborrheic dermatitis in a patient with alopecia: A potential pitfall.

Poster presented at the American Society of Dermatopathology 60th annual meeting, 2023

14. Pasternak E, yee E, Shalin SC, Zoumbros NA. Epidermal Dysmaturation Related to Chemotherapy Mimicking HPV-driven Squamous Dysplasia
Poster presented at the American Society of Dermatopathology 60th annual meeting, 2023
15. Cox C, Meltzer C, Shalin SC, Zoumbros NA. Disseminated Cutaneous Histoplasmosis: an atypical presentation in a patient on disease modifying antirheumatic drugs
Poster presented at the American Society of Dermatopathology 60th annual meeting, 2023
16. Almashad A, Whisman M, Shalin SC, Zoumbros N. Retiform Hemangioendothelioma – A Potential Diagnostic Pitfall
Poster presented at the International Society of Dermatopathology annual meeting, 2023

Invited Publications and Book Chapters:

1. Hamza M, Zoumbros NA, Shalin SC. Inflammatory disease of the Vulva. In: Gynecologic and Obstetric Pathology, Vols. 1 & 2. Quick CM, Zheng W, Fadare O, eds. Science Press & Springer Nature, Beijing, China & Singapore, pending publication
2. Zoumbros NA, Gardner J. Deep Granuloma Annulare. In: Diagnostic Pathology: Soft Tissue Tumors, Lindberg M ed. Elsevier. 2024
3. Zoumbros NA, Gardner J. Rheumatoid Nodule. In: Diagnostic Pathology: Soft Tissue Tumors, Lindberg M ed. Elsevier. 2024
4. Zoumbros NA, Gardner J. Smooth Muscle Hamartoma. In: Diagnostic Pathology: Soft Tissue Tumors, Lindberg M ed. Elsevier. 2024
5. Zoumbros NA, Gardner J. Cutaneous Leiomyoma. In: Diagnostic Pathology: Soft Tissue Tumors, Lindberg M ed. Elsevier. 2024
6. Zoumbros NA, Gardner J, Mentzel T. Kaposi Sarcoma. In: Diagnostic Pathology: Soft Tissue Tumors, Lindberg M ed. Elsevier. 2024
7. Zoumbros NA, Gardner J. Solitary Circumscribed Neuroma. In: Diagnostic Pathology: Soft Tissue Tumors, Lindberg M ed. Elsevier. 2024
8. Zoumbros NA, Gardner J. Superficial Angiomyxoma. In: Diagnostic Pathology: Soft Tissue Tumors, Lindberg M ed. Elsevier. 2024
9. Cox, C, Zoumbros, NA. Clear Cell Acanthoma, pathologyoutlines.com