

# HEATHER M. SCULL, MS, MMS, PA-C

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## EDUCATION:

2008 – 5/2010                      Wake Forest University School of Medicine                      Winston-Salem, North Carolina  
Department of Physician Assistant Studies  
Master of Medical Science  
Physician Assistant-Certified

### Clinical internships completed:

Dermatology	Family Medicine	Trauma & Burn Surgery
Plastic & Reconstructive Surgery	Pediatrics	Psychiatry
Internal Medicine	OB/GYN	Emergency Medicine
Nephrology	Cardiology/Cardiothoracic Surgery	

2001 – 2002                      Dartmouth Medical School                      Hanover, New Hampshire  
The Dartmouth Institute for Health Policy & Clinical Practice  
Master of Science  
Evaluative Clinical Sciences

1996 – 2001                      Colgate University                      Hamilton, New York  
Bachelor of Arts  
Psychology/Pre-Med

## PROFESSIONAL WORK EXPERIENCE:

7/2010—current                      **Physician Assistant-Certified**                      Tampa, Florida  
Academic Alliance in Dermatology

6/2006—6/2008                      **Clinical Research Coordinator**                      Tampa, Florida  
Stedman Clinical Trials, LLC

6/2003 – 6/2006                      **Clinical Research Manager/Clinical Research Coordinator**                      Cleveland, Ohio  
Skin Study Center, Department of Dermatology  
University Hospitals of Cleveland/Case Western Reserve University School of Medicine

6/1998 – 8/2001                      **Clinical Research Assistant/Medical Assistant**                      Cleveland, Ohio  
Bahman Guyuron, M.D., F.A.C.S., Inc. (Plastic & Reconstructive Surgery)  
Zeeba Ambulatory Surgery Center

## CERTIFICATIONS:

American Heart Association Certified ACLS provider (issue date: 5/21/2009)  
American Heart Association Certified BLS provider (CPR/AED) (date renewed: 11/25/2008)  
Phlebotomy & Bloodborne Pathogens certification  
Clinical Research Coordinator

## HONORS:

Dean's Award for Academic Excellence (Colgate University)

## PROFESSIONAL SOCIETIES:

American Academy of Physician Assistants (AAPA)  
Student Academy of the American Academy of Physician Assistants (SAAPA)  
Florida Academy of Physician Assistants (FAPA)  
North Carolina Academy of Physician Assistants (NCAPA)

## PUBLIC SERVICE:

SAAPA Government Chapter—Katherine Anderson Society  
Student Government Secretary, Wake Forest University Physician Assistant Program

**RESEARCH EXPERIENCE:**

Laser-Assisted Penetration of Allergens Through the Stratum Corneum to Facilitate Patch Testing for Allergic Contact Dermatitis

Phase I Clinical Trial Using Topical Silicon Phthalocyanine (Pc 4) Photodynamic Therapy for the Treatment of Pre-Malignant and Malignant Skin Conditions

Evaluating the Penetration of Topical Pc 4 through Esophageal Mucosa via Confocal Microscopy

Blood and Skin Samples from Persons with Normal Skin, Inflamed Skin, and Skin Exposed to UV Light, Environmental Agents, and/or Allergens

Mechanisms of UV Radiation Therapy in Psoriasis

Effects of Green Tea Cream on Cutaneous Erythema and Vasodilatation

Understanding Mechanisms in Susceptibility to Skin Irritants in Health Care Workers with Irritant Contact Dermatitis (ICD)

Photopheresis as an Interventional Therapy for the Treatment of Early Stage Cutaneous T-Cell Lymphoma

A Phase I, Open-label, Multiple Dose, Dose Escalation study of GW786034 in Patients with Solid Tumors

A Multicenter, Open-label, Prospective Study to Evaluate the Effectiveness and Safety of Enbrel in the Treatment of Subjects with Psoriasis.

Uridine supplements (Nucleomax X) in d4t associated lipoatrophy in HIV-positive patients.

A 48-week Open-label Study to Evaluate the Effect of Standard Dose Stavudine (D4T) Substitution with Low-Dose D4T in HIV-infected Subjects with Identified Risk for Mitochondrial Toxicities Who Have Achieved Virologic Suppression.

Age-Related Scalp Hair Thinning

Protection Against Adverse Effects of UV Radiation on Human Skin

Protection Against Adverse Effects of UV Radiation on Renal Transplant Patients

Evaluation of Vulvar Itch with Patch Testing to a Vulvar Tray and Atopy Patch Testing to Yeast

Patterns of Positive Allergy Patch Tests

Genetic Basis of Skin Disease in Twin Pairs and Their Families

Neurotransmitter Contribution to Elicitation of Nickel Allergy in Humans

Protein Hypersensitivity Reactions in Disease States: Demographic Study and Comparison of Testing Methods

Food Pollen Syndromes and Dyshidrotic Eczema

Hair Loss in Post-Menopausal Women

Study of Hair Loss in Patients with Lupus

The Assessment of Hair Shaft Changes in Individuals of African Descent, from Infancy to Adulthood

Causes of Inflammation in Cicatricial Alopecia (Hair Loss)

Causes of Inflammation in Normal and Diseased Scalp Tissues

Cytokine Response of Atopic Dermatitis Patients to Patch Testing with Dust Mite and Yeasts

In Vivo Quantification of Follicular Penetration by Cetylpyridium Chloride (CPC)

Immune Responses of Normal, Healthy Human Blood Samples Introduced to Fungal Pathogens (*Candida albicans*)

Improving Access to Dermatologic Care via Teledermatology within the VA Hospitals System: Outcomes Study  
A Multicenter, Randomized, Double-blind, Placebo and Escitalopram controlled Trial of the Safety and Efficacy of Pexacerfont in the Treatment of Outpatients with Generalized Anxiety Disorder

A 4-Week Open-Label Study to Evaluate the Effect of Treatment With Fentanyl Buccal Tablets on Pain Anxiety Symptoms When Used for the Management of Breakthrough Pain in Opioid-Tolerant Patients with Chronic Pain

A Phase III, Variable-Dose Titration Followed by a Randomized Double-Blind Study of Controlled-Release OROS® Hydromorphone HCl Compared to Placebo in Patients with Chronic Low Back Pain

Depakote® versus Zyprexa® and Placebo in the Treatment of Mild to Moderate Mania Associated with Bipolar I Disorder

Using Fentanyl (Femora®) for Breakthrough Pain for chronic pain sufferers using a strong narcotic including another narcotic for breakthrough

Worker Productivity, Quality of life, and Functional Outcomes Against Patients with Bipolar I Disorder: A Cross-Sectional Survey Study

A Long-Term Open-Label, Safety Study of Kadian NT® (Morphine Sulfate plus Naltrexone Hydrochloride Extended Release) Capsules in Subjects with Chronic Moderate to Severe Nonmalignant Pain

A 2-year, Prospective, Blinded-rater, Open-Label, Active-Controlled, Multicenter, Randomized Study of Long-Term Efficacy and Effectiveness Comparing Risperdal Consta® and Abilify® in Adults with Schizophrenia

A Multicenter, Randomized, Double-Blind, Parallel Arm, 6-Week Study to Evaluate the Efficacy and Safety of Vytorin® versus Lipitor® in Patients with Metabolic Syndrome and Hypercholesterolemia at High Risk for Coronary Heart Disease

A Multicenter, Double-blind, Randomized, Parallel-group, Placebo-controlled, Phase III Study of the Efficacy and Safety of Seroquel SR® as Monotherapy in Adult Patients with Acute Bipolar Depression

A Multicenter, Double-blind, Randomized, Parallel-group, Placebo-controlled, Phase III Study of the Efficacy and Safety of Seroquel SR® as Monotherapy in Adult Patients with Acute Bipolar Mania

## **PUBLICATIONS & MANUSCRIPTS**

Miller JD, Kirkland EB, Domingo DS, **Scull H**, Jekutis B, Dallas M, Cooper KD, Baron ED. Review of extracorporeal photopheresis in early-stage (IA, IB, and IIA) cutaneous T-cell lymphoma. *Photodermatol Photoimmunol Photomed.* 2007 Oct ;23 (5):163-171 17803594

Miller JD, Baron ED, **Scull HM**, Hsia A, Berlin JC, McCormick T, Kenney ME, Cooper KD, Oleinick N. Photodynamic Therapy with the Phthalocyanine Photosensitizer Pc 4: The Case Experience with Preclinical mechanistic and Early Clinical-Translational Studies. *Toxicology & Applied Pharmacology.* 2007 Feb 15; 17397888.

Hanneman KK, **Scull HM**, Cooper KD, Baron ED. Effect of Topical Vitamin D Analog on In Vivo Contact Sensitization. *Archives of Dermatology.* 2006; 142: 1332-1334.

Veremis-Ley M, Ramirez H, Baron E, Hanneman K, Lankerani L, **Scull H**, Cooper K, Nedorost S. Laser-Assisted Penetration of Allergens For Patch Testing. *Dermatitis.* 17(1), March 2006.

Guyuron B, Uzzo CD, **Scull H.** A Practical Classification of Septonasal Deviation and an Effective Guide to Septal Surgery. *Plastic and Reconstructive Surgery.* 104(7):2210-2212, December 1999.

## **PRESENTATIONS & ABSTRACTS**

### **In Asymptomatic Pregnant Patients, How Does Diagnosis of Bacterial Vaginosis and/or Presence of Abnormal Vaginal Flora (AVF) at a Particular Trimester Affect the Risk of Preterm Delivery?**

Scull, H

Wake Forest University Physician Assistant Thesis Presentation, Compendium—April 2010

### **Peritransplant Use of NUVB Does Not Improve Allogeneic Stem Cell Transplantation Outcome**

Camouse M, Yuksel M, Hsia A, Casse B, Hanneman K, Scull H, Baron E, Cooper B, Lazarus H, Gerson S, Laughlin M, Cooper K, Gilliam A, Koc O.

*Society for Investigative Dermatology*, St. Louis, MO 2005—Poster Presentation

### **Effects of Topical White Tea & Green Tea in UV-Induced Immunosuppression in Human Skin**

Camouse M, Scull H, Matsui M, Marenus K, Maes D, Cooper K, Stevens S, Baron E.

*Photomedicine Society*, Washington, DC 2004—Oral Presentation

*Research ShowCASE/ Case University*, Cleveland, OH 2004—Poster Presentation

*Society for Investigative Dermatology*, Providence, RI 2004—Poster Presentation

*IX International Congress of Dermatology*, Beijing, China 2004—Oral Presentation (Camouse)

### **The Protective Role of Sunscreen and Antioxidants on UV Induced Langerhans Cell Depletion.**

Hanneman K, Hsia A, Scull H, Matsui M, Cooper KD, Baron ED. Department of Dermatology, University Hospitals at Case Western Reserve University. Cleveland, OH.

*Photomedicine Society*, New Orleans, LA 2005—Poster presentation

*Research ShowCASE/Case University*, Cleveland, OH 2005—Poster presentation

*Society for Investigative Dermatology*, St. Louis, MO 2005—Poster presentation

### **Silicon Phthalocyanine (Pc 4)-Photodynamic Therapy for the Treatment of Pre-Malignant and Malignant Skin Conditions: An Update.**

Hanneman KH, Scull HM, Miller JD, Hsia A, McCormick T, Oleinick NL, Kenney M, Cooper KD, Baron ED. Department of Dermatology, University Hospitals at Case Western Reserve University. Cleveland, OH.

*Photomedicine Society*, New Orleans, LA 2005—Oral presentation

*Research ShowCASE/Case University*, Cleveland, OH 2005—Poster presentation

*Society for Investigative Dermatology*, St. Louis, MO 2005—Oral presentation (Hanneman)

*Photomedicine Society*, San Francisco, CA 2006—Oral presentation (Miller)

*Research ShowCASE/Case University*, Cleveland, OH 2006—Poster presentation

*Society for Investigative Dermatology*, Philadelphia, PA 2006—Poster presentation

### **Selective Killing of Malignant Lymphocytes by Silicon Phthalocyanine (Pc 4)-Photodynamic Therapy.**

Hsia A, Miller JD, Scull HM, Morrissey K, Yan C, Cooper KD, Baron ED. Department of Dermatology, University Hospitals at Case Western Reserve University. Cleveland, OH.

*Society for Investigative Dermatology*, Philadelphia, PA 2006—Poster presentation

### **Protection Against Ultraviolet-induced Matrix Metalloproteinase (MMP1) upregulation: A comparison of Sunscreen versus Sunscreen plus Antioxidants.**

Scull HM, Miller JD, Hanneman KK, Alikhan A, Khouri J, Matsui M, Cooper KD, Baron ED. Department of Dermatology, University Hospitals at Case Western Reserve University. Cleveland, OH.

*Society for Investigative Dermatology*, Philadelphia, PA 2006—Poster presentation