

# Whitney P. Bowe, M.D.

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## OFFICE ADDRESS

2011-present Chelsea Skin & Laser  
www.ChelseaSkinCenter.com  
www.facebook.com/chelseaskincenter  
http://twitter.com/chelseaskinctr

## FACULTY APPOINTMENTS

2011-present Clinical Assistant Professor of Dermatology  
SUNY Downstate College of Medicine

## EDUCATION

1997 – 2001 YALE UNIVERSITY, New Haven, CT  
Bachelor of Science in Molecular, Cellular, Developmental Biology  
Summa cum laude, distinction in major  
GPA: 3.97

2002-2007 UNIVERSITY OF PENNSYLVANIA School of Medicine, Philadelphia, PA  
21<sup>st</sup> CENTURY (Gamble) SCHOLAR – full tuition scholarship

## POSTGRADUATE TRAINING:

2007-2008 Transitional Year Intern,  
Albert Einstein Medical Center, Philadelphia

2008-2011 Resident in Dermatology,  
SUNY Downstate Medical Center, Brooklyn

**LICENSURE:** New York

## MEMBERSHIPS IN PROFESSIONAL & SCIENTIFIC SOCIETIES:

Women's Dermatologic Society  
American Acne and Rosacea Society  
Associate Member of the New York Academy of Medicine (NYAM)  
American Society for Laser Medicine and Surgery (ASLMS)  
Screen Actors Guild (SAG)  
Yale Alumni Schools Committee- Member and Interviewer

## EDITORIAL POSITIONS:

Reviewer for *Journal of Investigative Dermatology*  
Reviewer for *Journal of the American Academy of Dermatology*  
Reviewer for *Archives of Dermatology*  
Reviewer for *British Journal of Dermatology*  
Referee for *Expert Opinion on Pharmacotherapy*, London, UK  
Reviewer for *Nutrition and Metabolism*  
Reviewer for *Current Medical Research and Opinion*

## HONORS, AWARDS, ADVISORY BOARDS:

### Most Recent:

9/11-present Faculty, Orlando Dermatology Aesthetic & Clinical Conference

8/11-present Young Physicians Council, Orlando Dermatology Aesthetic & Clinical Conference  
 4/2009-1/2011 Resident Advisory Board, Orlando Dermatology Aesthetic & Clinical Conference  
 2008-2010 ARTE (Advanced Research Training & Education) in Dermatology Annual Summit Scholarship  
 1/2008 Skin Cancer Foundation and Orlando Dermatology & Aesthetic Conference's Leonard L. Mazur Resident Research Award (Young Investigator Research Grant)  
 1/2008 American Acne & Rosacea Society Clinical Research Grant

### Medical School (UPENN School of Medicine)

5/2007 Nancy C. Bell Memorial Prize in Dermatology – awarded to the graduating student who, in the opinion of the faculty of the Dept of Dermatology, has demonstrated academic excellence  
 5/2007 Merck Manual Prize – in recognition of meritorious academic achievement  
 5/2007 Pediatric Research Prize and Scholarship  
 Fall 2006 Alpha Omega Alpha National Medical Honor Society  
 2005-2006 Doris Duke Clinical Research Fellow (\$28,000 grant)  
 Summer 2003 American Dermatologic Association Summer Research Fellowship  
 □ received grant to conduct research on *The relationship between long-term antibiotic use and urinary tract infections in acne patients*  
 Fall 2002 Sole recipient of recognition for Top Performance in Microbiology

### College (Yale University)

5/2001 William R. Belknap Prize  
 • prize and scholarship for excellence in biology- given to one senior at Yale  
 4/2001 Student Marshal  
 • selected to serve as student marshal for Morse College at Yale's 300<sup>th</sup> commencement. This honor goes to the two highest ranking students in each residential college  
 1/2001 Yale Science and Engineering Association Senior High Scholarship Award  
 • given to the senior majoring in the sciences or engineering with the highest grades  
 Fall 2000 Phi Beta Kappa  
 6/99-8/00 Beckman Scholar  
 • received \$17,600 grant to conduct research on *The Influence of Gravity on Differential Gene Expression in Spinal Motor Neurons*  
 6/99-8/99 Richter Fellowship  
 • Worked on individual research project within Cell Biology division of the Medical Research Council (MRC) Laboratory of Molecular Biology in Cambridge, England

### LECTURES/MODERATING BY INVITATION:

“Controversies in Acne: The Role of Diet in Acne,” *2012 Acne and Rosacea Symposium: American Academy of Dermatology*, San Diego, CA, scheduled for March 16, 2012.

“The Role of Diet in Acne,” *2012 Acne Guidelines Forum: American Academy of Dermatology*, San Diego, CA, scheduled for March 19, 2012.

Moderator for “Career Management & Aesthetic Training for the New Practitioner,” *Orlando Dermatology Aesthetic & Clinical Conference*, January 17, 2011

Moderator for “Advanced Aesthetic Techniques,” *Orlando Dermatology Aesthetic & Clinical Conference*, January 16, 2011

Moderator for “Medical Dermatology Updates & Emerging Treatments,” *Orlando Dermatology Aesthetic & Clinical Conference*, January 15, 2011

“BLIS for the Treatment and Prevention of Acne.” *Estee Lauder BioResearch Department*, Melville, NY, August 12, 2009.

“Antibiotic Resistance: Beyond the Skin’s Surface.” *2009 Maui Derm Conference*, Maui, Hawaii, January 26-30, 2009.

“Fom Bacteria to BLIS: The development process from scientific discovery to acne therapy.” *Frontiers in Medicine* course at the University of Pennsylvania School of Medicine, October 2006.

## BOOK CHAPTERS:

Bowe WP, Shalita AR. Procedural Treatments for Acne. In: Shalita AR, Del Rosso JQ, Webster GF (eds.). *Acne Vulgaris*, New York and London: Informa Healthcare, 2011 .

Bowe WP, Leyden JJ. Clinical Implications of Antibiotic Resistance: Risk of Systemic Infection from Staphylococcus and Streptococcus. In: Shalita AR, Del Rosso JQ, Webster GF (eds.). *Acne Vulgaris*, New York and London: Informa Healthcare, 2011

Bowe WP, Kessides M, Shalita AR. The Relationship between Diet and Acne. Shalita AR, Del Rosso JQ, Webster GF (eds.). *Acne Vulgaris*, New York and London: Informa Healthcare, 2011

Bowe WP, Shalita AR. Introduction: Epidemiology, Cost and Psychosocial Implications. Shalita AR, Del Rosso JQ, Webster GF (eds.). *Acne Vulgaris*, New York and London: Informa Healthcare, 2011

## BIBLIOGRAPHY:

**Bowe WP**, Doyle A, Shalita AR. Body image disturbance in patients with acne vulgaris. *J Clin Aesthet Dermatol* 2011 Jul;4(7):35-41

**Bowe WP**, Logan AC. Acne vulgaris, probiotics and the gut-brain-skin axis - back to the future? *Gut Pathogens* Jan 31;3(1):1

**Bowe WP**, Logan AC. Clinical implications of lipid peroxidation in acne vulgaris: old wine in new bottles. *Lipids in Health and Disease* 2010, 9:141

**Bowe WP**, Glick S, Shalita AR. Medical Management of Skin Disease: Recent Advances and Future Directions. *J Drugs Dermatol* 2011 Jan;10(1):28-9

**Bowe WP**, Joshi SS, Shalita AR. Diet and acne. *J Am Acad Dermatol* 2010. Jul;63(1):124-41

**Bowe WP**, Grillo JA, Heughebaert C, Shalita AR. Pearls and Pitfalls from a Low-Carbohydrate Acne Diet Study [Submitted to JAAD]

Patel M, **Bowe WP**, Heughebaert C, Shalita AR. The Development of Antimicrobial Resistance due to the Antibiotic Treatment of Acne Vulgaris: A Review. *J Drugs Dermatol*. 2010 June; 9(6)

**Bowe WP**, Doyle A, Crerand CE, Margolis DJ, Shalita AR. Measuring negative body image among patients with acne vulgaris: Validation of the Body Image Disturbance Questionnaire in a clinical population. *Journal of Investigative Dermatology*, April supplement (abstract), 2009.

Lolis MS, **Bowe WP**, Shalita AR. Acne and Systemic Disease. *Med Clin North Am*. 2009 Nov;93(6):1161-1181.

**Bowe WP**, Grillo J, Shalita AR. The Effects of a Low Carbohydrate Diet on Acne Vulgaris: A Pilot Study. *J Drugs Dermatol*, (abstract) August 2009.

Newman MD, **Bowe WP**, Heughebaert C, Shalita AR. Therapeutic considerations for severe nodular acne. *American Journal of Clinical Dermatology*. Dec 2010; 12:1.

**Bowe WP**, Shalita AR. Effective over-the-counter acne treatments. *Seminars in Cutaneous Medicine and Surgery*. 2008;27(3): 170-176.

Menon C, Gipson K, **Bowe WP**, Hoffstad O, DJ Margolis. The validity of subject self-report for acne. *Dermatology*. 2008;217(2):164-8.

**Bowe WP**, Hoffstad O, Margolis DJ. Upper respiratory tract infection in household contacts of acne patients. *Dermatology*. 2007;215 (3):213-8.

**Bowe WP**, Leyden JJ, Crerand CE, Sarwer DB, Margolis DJ. Body dysmorphic disorder symptoms among patients with acne vulgaris. *J Am Acad Dermatol* 2007 Aug;57(2):222-30.

**Bowe WP**, Hoffstad OJ, Filip JC, Margolis DJ. Is there a relationship between long-term antibiotic use and urinary tract infections in acne patients? *Journal of Investigative Dermatology* 2004; 122(3):A59. (abstract)

**Bowe WP**, Nguyen V, Elinitas R, Katz K. Keratotic papules on the right side of the neck and back. Localized Darier disease (DD). *Arch Dermatol*. 2007 Apr;143(4):535-40.

Lee R, **Bowe WP**, James WD, Gruber PC, Ratnavel R. "Keratosis Palmaris et Plantaris." *Dermatology*. Eds. Lebowitz MG, Wells MJ, Heymann WR, Quirk C, Elston DM. 2006 Update, <http://www.emedicine.com/derm/topic589.htm>.

**Bowe WP**, Filip JC, DiRienzo J, Volgina A, Margolis DJ. Inhibition of *Propionibacterium acnes* by bacteriocin-like inhibitory substances (BLIS) produced by *Streptococcus salivarius*. *J Drugs Dermatol*. 2006 Oct;5(9):868-70.

Margolis DJ, **Bowe WP**, Hoffstad OJ, Berlin JA. Antibiotic treatment of acne may be associated with upper respiratory tract infections. *Arch Dermatol*. 2005 Sep;141(9):1132-6.

## PRESENTATIONS:

**Bowe WP**, Heughebaert C, Doyle A, Kroeskop A, Shalita AR. Pilot study of vacuum versus vacuum plus light in treatment of acne. *Poster presentation at 2011 MauiDerm*, Maui, February 23-27.

Regan K, **Bowe WP**, Koo B, Shalita AR. Metastatic *Stenotrophomonas maltophilia* Cellulitis from a Filgrastim Injection. *Poster presentation at 2011 Orlando Dermatology Aesthetic and Clinical Conference*, Orlando, January 14-17, 2011.

**Bowe WP**, Hoffstad O, Margolis DJ. Upper respiratory tract infection in acne contacts. *Oral presentation at 2010 Dermatologic Society of Greater New York Conrad Stritzler Resident's Competition*, NY, NY January 14, 2010.

**Bowe WP**, Doyle A, Crerand CE, Margolis DJ, Shalita AR. Body Image and Acne. *Oral presentation at the 2010 Winter Clinical Dermatology Conference-Hawaii, Annual Resident Competition*, Kauai, Hawaii, January 23-28, 2010.

**Bowe WP**, Doyle A, Crerand CE, Margolis DJ, Shalita AR. Body Image Disturbance in Patients with Acne Vulgaris. *Poster presentation at the 2010 Orlando Dermatology Aesthetic and Clinical Conference*, Orlando, January 15-18, 2010.

Auerbach JD, Lonner BS, Crerand CE, Dean LE, Shah SA, Flynn JM, Bastrom T, **Bowe WP**, Newton PO. Body image in patients with adolescent idiopathic scoliosis: Validation of the Body Image Disturbance Questionnaire-Scoliosis version. *Poster 44th Annual Scoliosis Research Society Meeting, San Antonio, TX, September 23-26, 2009. Focused Paper Presentation 24th Annual Meeting of the North American Spine Society (NASS)*, San Francisco, CA, November 10-14, 2009.

**Bowe WP**, Doyle A, Crerand CE, Margolis DJ, Shalita AR. Measuring negative body image among patients with acne vulgaris: Validation of the Body Image Disturbance Questionnaire in a

clinical population. *Oral and poster presented at the 69<sup>th</sup> Society for Investigative Dermatology*, Montreal, Canada. May 6-9, 2009.

**Bowe WP**, Grillo J, Shalita AR. The effects of a low carbohydrate diet on acne vulgaris: A pilot study. *Poster presented at the 2008 Orlando Dermatology Aesthetic and Clinical Conference*, Orlando, January 18-21, 2008.

**Bowe WP**, Filip JC, DiRienzo JM, Volgina A, Margolis DJ. *Streptococcus salivarius* inhibition of group a streptococcus and *propionibacterium acnes* in individuals with acne. *Poster presented at the 2<sup>nd</sup> International Conference on Sebaceous Gland, Acne, Rosacea and Related Disorders*, Rome, Sept 13-16, 2008

**Bowe WP**, Leyden JJ, Crerand CE, Sarwer DB, Margolis DJ. Body dysmorphic disorder symptoms among patients with acne vulgaris. *Oral presentation at the Annual Society for Investigative Dermatology Meeting*, Los Angeles, CA May 12, 2007.

Filip JC, **Bowe WP**, DiRienzo JM, Volgina A, Margolis DJ. *Streptococcus salivarius* inhibition of group a streptococcus and *propionibacterium acnes* in individuals with acne. *Poster presented at the Annual Doris Duke Clinical Research Fellowship Meeting*, Bridgewater, NJ May 22-24, 2006.

**Bowe WP**, Hoffstad O, Margolis DJ. Upper respiratory tract infection in household contacts of acne patients. *Poster presented at the Annual Doris Duke Clinical Research Fellowship Meeting*, Bridgewater, NJ May 22-24, 2006.

Filip JC, **Bowe WP**, DiRienzo JM, Volgina A, Margolis DJ. *Streptococcus salivarius* inhibition of group a streptococcus and *propionibacterium acnes* in individuals with acne. *Poster presented at the 67<sup>th</sup> Society for Investigative Dermatology*, Philadelphia, PA May 3-6, 2006.

**Bowe WP**, Hoffstad O, Margolis DJ. Upper respiratory tract infection in household contacts of acne patients. *Poster presented at the 67<sup>th</sup> Society for Investigative Dermatology Meeting*, Philadelphia, PA May 3-6, 2006.

**Bowe WP**, Hoffstad O, Margolis DJ. Upper respiratory tract infection in household contacts of acne patients. *Oral presentation at the American DermatoEpidemiology Network Annual Meeting*, Philadelphia, PA May 6, 2006.

**Bowe WP**, Hoffstad O, Margolis DJ. Respiratory infections in household contacts of acne patients. *Poster presented at the First Annual Medical Student Research Day of the University of Pennsylvania School of Medicine*, Philadelphia, PA March 31, 2006.

**Bowe WP**, Hoffstad OJ, Filip JC, Margolis DJ. Is there a relationship between long-term antibiotic use and urinary tract infections in acne patients? *Poster presented at the Annual Society for Investigative Dermatology Meeting*, Providence, RI April 28- May 1, 2004.

**Bowe WP**, Hoffstad OJ, Filip JC, Margolis DJ. Is there a relationship between long-term antibiotic use and urinary tract infections in acne patients? *Oral presentation at the International Dermato-Epidemiology Association Americas Chapter meeting*, Providence, RI April 28- May 1, 2004.

**Bowe WP**, Nelson FK. The influence of gravity on differential gene expression in spinal motor neurons. *Poster presented at the 2000 Beckman Conference*, Irvine, California, August, 2000.

## CLINICAL TRIALS:

**Co-Investigator:** J&J Pediatric Acne Trial (Retin-A Micro 0.04% in Pediatric Acne)

**Principal Investigator:** A Randomized, Controlled, Single-Blinded, Prospective Study to Evaluate the Efficacy of Photopneumatic Therapy for the Reduction of Facial Acne in Patients with Skintypes I-VI

## PATENTS:

12/2006

Co-inventor of US Pending Patent PCT/US2006/047394 (published 3/4/2010; publication # US-2010-0056423-A1)  
Bacterial-derived BLIS for treatment of acne

#### **MEDIA CITATIONS:**

- Dermatology World story on Diet and Acne 9-2012 (scheduled release)
- Cited as an expert on a RealBeauty.com story on sunscreen 5 - 2011
- Boschert S. Acne may be a sign of body dysmorphic disorder. Clinical Psychiatry News. 3-1-2008
- Acne antibiotics linked to respiratory infections. MSNBC. 9-20-2005.
- Acne antibiotics throat bug risk. BBC NEWS. 1-23-2006.
- Acne treatment linked to respiratory infections. ABC. 9-21-2005.
- Hitti M. Acne Treatment May Raise Risk of Infection. WebMD. 9-19-2006.
- Querna B. Acne treatments linked to illness. US News & World Report. 9-20-2005.
- Antibiotic treatment for acne found to increase incidence of respiratory illness. Medindia.com. 9-20-2005.
- Radia H. Antibiotic treatment of acne associated with increased upper respiratory tract infections? NHS, UKMi . 9-21-2005.
- Bakalar N. At Risk: A Boon for the Skin but a Peril for the Throat. The New York Times 2005 Oct 4.
- Aubrey A. Doubts Raised Over Antibiotic Use for Acne. NPR. 1-19-2006.
- Osterweil N. Downside to popular acne treatment. CNN.com Medpage today. 9-19-2005.
- Robert Preidt. Long-Term Antibiotic Use May Raise Cold, Flu Risk. Forbes. 9-19-2005.
- Long-Term Antibiotic Use May Raise Cold, Flu Risk. HealthScout. 9-19-2005.
- Over 6-week antibiotic acne treatment raises risk of upper respiratory tract infection. Medical News Today. 9-20-2005.
- Study: Acne Meds May Make Teens Susceptible To Illness. NBC. 9-20-2005.
- Use of antibiotics for acne may increase risk of common infectious illness. Eurekalert! 9-19-2006.