

# CURRICULUM VITAE

## **Jenifer R. Lloyd, D.O.**

Lloyd Dermatology & Laser Center  
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Youngstown, Ohio 44512  
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### **PRESENT POSITION**

Private Practice, Dermatology 1991 to present

Co-Director, Residency Program 2002 to present  
University Hospitals Health System - Richmond Heights Hospital  
Department of Dermatology  
Case Western Reserve University School of Medicine

### **Board Certification**

American Academy of Dermatology 1991 - 2001  
Recertification 1999 - 2011  
Recertification 2009 – 2021

### **LICENSURE**

Ohio

### **EDUCATION**

#### **Residencies**

Dermatology Residency Program 1988 - 1991  
State University of New York at Buffalo  
Buffalo, New York  
Chief Resident 1990 to 1991

Internal Medicine Residency Program 1986 - 1988  
Case Western Reserve University  
St. Luke's Hospital  
Cleveland, Ohio

#### **Medical School**

Doctor of Osteopathic Medicine 1982 - 1986  
University of Osteopathic Medicine and Health Sciences  
Des Moines, Iowa

#### **Undergraduate**

B.A. – Cum laude 1978 - 1982  
Mount Holyoke College  
South Hadley, Massachusetts

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## **UNIVERSITY APPOINTMENTS**

Appointment of Co-Director, Residency Program 2002 to present  
Department of Dermatology  
University Hospitals Health System - Richmond Heights Hospital  
Case Western Reserve University School of Medicine  
Cleveland, Ohio

Professor of Internal Medicine 2007 to present  
Northeast Ohio Medical University  
Rootstown, Ohio

Associate Professor of Internal Medicine 1999 to 2007  
Northeast Ohio Medical University  
Rootstown, Ohio

Assistant Professor of Clinical Internal Medicine July 1992 to February 1999  
Northeast Ohio Medical University  
Rootstown, Ohio

Assistant Professor of Clinical Internal Medicine 1992 to present  
Case Western Reserve University School of Medicine  
Cleveland, Ohio

## **COMMITTEES**

University Hospitals Health System - CWRU Dermatology Department  
Resident Advisory Committee 2002 to 2005  
Committee on Appointments, Promotions and Tenure 2002 to present  
Resident Quarterly Evaluation Committee 2006 to present

University Hospitals Health System - Richmond Heights  
Department of Medical Education Committee 2003 to present  
Department of Medical Education Fund Committee 2003 to present

Northeast Ohio Medical University  
Master Teacher Guild 2009 to present  
Dermatology Interest Group Advisor 2002 to present  
Dermatology Section Review Committee 2000  
Dermatology Section Member 1992 to present

Ohio Dermatological Association  
Elected to Board of Trustees 2001 to 2004  
Member 1992 to present

American Red Cross  
Executive Committee 2002 to present  
Red & White Ball 1997 to present  
Board Member 1997 - 2009  
Co-Chairwoman, Red & White Ball 2005  
Chairwoman for 1<sup>st</sup> Heroes Breakfast 2003 - 2004

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### **COMMITTEES (continued)**

#### Mahoning County Medical Society

Council Member 1994 - 1998

Young Physicians Member 1992 - 1998

President 1996 - 1998

Member 1992 to present

#### Youngstown Symphony Guild

Member 1992 to present

Vice President 1999 - 2001

#### American Cancer Society

Board Member 1992 - 1994

### **HOSPITAL APPOINTMENTS**

Section Chief, Dermatology 2008 to present

Department of Medical Specialists

St. Elizabeth Boardman Health Center

Boardman, Ohio

Attending Physician, Dermatology Clinic 2002 to present

University Hospitals Health System - Richmond Heights Hospital

Richmond Heights, Ohio

Attending Physician and Lecture Staff, Pediatric Dermatology Clinic 1992 to 2007

Tod Children's Hospital

Youngstown, Ohio

Attending Physician - Department of Dermatology 1992 to present

University Hospitals of Cleveland

Cleveland, Ohio

Physician Lecturer 1991 to present

-Forum Health

-St. Elizabeth Health Center

-Northeast Ohio Medical University

-Case Western Reserve University

### **HOSPITAL AFFILIATIONS**

Active Staff, Forum Health, Youngstown, Ohio

Courtesy Staff, St. Elizabeth Health Center, Youngstown, Ohio

Courtesy Staff, St. Elizabeth Boardman Health Center, Boardman, Ohio

Courtesy Staff, Case Western Reserve University

University Hospitals Health System

Richmond Heights Hospital, Richmond Heights, Ohio

Consulting Staff, Akron Children's Hospital

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## **MEMBERSHIPS/HONORS/AWARDS**

American Academy of Dermatology, Fellow  
American Society for Dermatologic Surgery, Fellow  
American Society for Laser Medicine and Surgery, Fellow  
Master Teacher Guild of Northeast Ohio Medical University, Fellow  
Cleveland Dermatology Society  
Ohio State Medical Society  
Mahoning County Medical Society  
Frances Haven Prize in Chemistry-Sigma Xi Scientific Research Society, Mount Holyoke College  
A.J. Segal Award for Diagnostician of the Year-St. Luke's Hospital

## **PUBLICATIONS**

Lloyd JR, Brodell R, Veerula V. (2011) A Scaling Rash Preferentially Involving a Recent Tattoo. Accepted for publication in Journal of American Academy of Dermatology - Epub.

Lloyd JR, Patel S. (2011). A Case of Staphylococcus Lugdunensis Subungual Abscess. Accepted for publication in Cutis.

Lloyd JR, Martorano L. (2011). Congenital Melanocytic Nevi (CMN): A Literature Review and Current Treatment Update. Accepted for publication in Journal of the American Osteopathic College of Dermatology.

Lloyd JR, Shoureshi P. (2011). Ciliary Madarosis in the Pediatric Population: A Case Report and Review of the Literature. *Cosmetic Dermatology*. Volume 24, No. 7:338-343.

Lloyd JR, Jensen J. (2010). Pyoderma Gangrenosum Mistaken as a Pyogenic Infection: A Case Report and Review of the Literature. *Journal of the American Osteopathic College of Dermatology*. Volume 17, No. 1:52-54.

Lloyd JR, Chever D. (2010). Sweet's Syndrome: A Case Report and Discussion. *Journal of the American Osteopathic College of Dermatology*. Volume 17, No. 1:16-17.

Lloyd JR, Yousif J, Saitta P, Grekin S. (2010). Allergic Contact Dermatitis to Red Tattoo Dye. *Journal of the American Osteopathic College of Dermatology*. Volume 17, No. 1:12-15.

Lloyd JR, Mainier LA. (2010). Erythema Multiforme and Toxic Epidermal Necrolysis. *Journal of the American Osteopathic College of Dermatology*. Volume 15, No. 1:29-31.

Lloyd JR. (2008). Effect of Fluence on Efficacy Using the 1440 nm Laser With CAP Technology for the Treatment of Rhytids. *Lasers in Surgery and Medicine*. Volume 40, Issue 6, 387-389.

Lloyd JR, Bermel, HA. (2007). Fixed Drug Eruption and Other Cutaneous Manifestations Secondary to Long-Term Hydroxyurea Therapy: A Case Report and Review of the Literature. *Journal of the American Osteopathic College of Dermatology*. Volume 8, No. 1: 43-45.

Lloyd JR. (2007). Treatment of Wrinkles with Affirm Combined Apex Pulse Technology. White paper published by Cynosure for research project.

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**PUBLICATIONS** (continued)

Lloyd JR, Zurakowski J, Gil K. (2007). Can Sun Protection Knowledge Change Behavior in a Resistant Population? *Cutis*. Volume 79, No. 6: 463-470.

Lloyd JR, Mirkov M, Sherr E, Sierra R, Tanghetti E. (2006). Analytical modeling of laser pulse heating of embedded biological targets: An application to cutaneous vascular lesions. *J. Appl Phys.* 99, 114701.

Lloyd JR, Campbell S. (2006). Cutaneous Angiosarcoma: Classic Case Presentation and Review of the Literature. *Journal of the American Osteopathic College of Dermatology*. Volume 6, No. 1: 17-19.

Lloyd JR, Dombrowski NC. (2005). Nail changes induced by application of a callus eliminator during a manicure. *J Am Acad Dermatol*. 52:E6.

Lloyd JR, Mirkov M. (2002). Selective Photothermolysis of the Sebaceous Glands for Acne Treatment. *Lasers in Surgery and Medicine*. Volume 31, Issue 2, 115-120.

Lloyd JR, MacGillis D. (2002). Laser Hair Removal: Results of 2-Week Versus 6-Week Treatment Intervals. *LaserExpress*: The official online journal of the American Society for Laser Medicine & Surgery.

Lloyd JR. (2001). The Use of Microdermabrasion for Acne: A Pilot Study. *Dermatol Surg*. 27:4; 329-331.

Lloyd JR, Mirkov M. (2000). Long-term Evaluation of the Long-pulsed Alexandrite Laser for the Removal of Bikini Hair at Shortened Treatment Intervals. *Dermatol Surg*. 26:7;633-637.

Lloyd KM, Lloyd JR. (1990). Palmar Pits and Multiple Trichoepitheliomas: An Association. *J Am Acad Dermatol*. 22, 1109-11.

Athar M, Lloyd JR, Bickers DR, Mukhtar H. (1989). Malignant Conversion of UV Radiation and Chemically Induced Mouse Skin Benign Tumors by Free-radical Generating Compounds. *Carcinogenesi.*, Volume 10, 1841-5.

Athar M, Elmets CA, Zaim MT, Lloyd JR, Bickers DR, Mukhtar H. (1988). Involvement of Superoxide Anions in Cutaneous Porphyrin. *S.P.I.E. Proceedings*, Volume 847, 193-200.

Athar M, Elmets CA, Zaim MT, Lloyd JR, Bickers DR, Mukhtar H. (1988). In Situ Evidence Forces the Involvement of Superoxide Anions in Cutaneous Porphyrin Photosensitization. *Biochem Biophys Journal*.

**EDITORIAL REVIEWS**

2009 to present

The Journal of the European Academy of Dermatology and Venereology

## **J.R. Lloyd, D.O.**

### **EDUCATION/TEACHING ACTIVITIES**

Peer to Peer Educator, Medicis Pharmaceutical Corporation

### **CONFERENCE PRESENTATIONS**

Lloyd J. (November 2009) Shedding “Light” on Rejuvenation: An update on Laser and Light Therapy; First in a Series. Lecture presentation at The American Osteopathic College of Dermatology in New Orleans, Louisiana.

Lloyd J, Tanghetti E. (April 2008) Comparison of the Affirm 1320/1440 nm Versus 1320 nm for the Treatment of Acne Scars – A Clinical and Histological Study. Lecture presentation at The Twenty Eighth Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Kissimmee, Florida.

Lloyd J. (April 2008) Effect of Fluence on Efficacy Using the Affirm Laser for the Treatment of Rhytids. Poster presentation at The Twenty Eighth Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Kissimmee, Florida.

Lloyd J. (March 2007) Evaluation of 1.5-mm Nd:YAG handpiece for treatment of telangiectasia. Poster presentation at The Twenty Seventh Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Grapevine, Texas.

Lloyd J. (March 2004) 585nm Extended Pulse Format Dye Laser for Purpura Free Treatment of Rosacea. Poster presentation at The Twenty Fourth Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Dallas, Texas.

Lloyd J, Gill K, Zurakowski J. (February 2004) Can Sun Protection Knowledge Change Behavior in a Resistant Population? Poster presentation at The Sixty Second Annual Meeting of the American Academy of Dermatology in Washington, D.C.

Lloyd J, Mirkov M. (April 2002) Selective Photothermolysis of the Sebaceous Glands for the Treatment of Acne. Lecture presentation at The Twenty Second Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Atlanta, Georgia.

Lloyd J. (April 2002) Evaluation of Long-Pulsed Pulsed Dye Laser for the Treatment of Periorbital Rhytides. Poster presentation at The Twenty Second Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Atlanta, Georgia.

Lloyd J, Macgillis D. (April 2002) Laser Hair Removal: Results of 2-week versus 6-week treatment intervals. Poster presentation at The Twenty Second Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Atlanta, Georgia.

Lloyd J, Mirkov M. (April 2001) Evaluation of Selective Photothermolysis of the Sebaceous Glands for Novel Acne Treatment. Poster presented at The Twenty First Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in New Orleans, Louisiana.

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### **CONFERENCE PRESENTATIONS (continued)**

Lloyd J. (April 1999) Long term data on the use of the Long Pulsed Alexandrite Laser for the treatment of bikini hair: A twelve-month follow up. Poster presented at The Nineteenth Annual Scientific Meeting of The American Society for Laser Medicine and Surgery in Lake Buena Vista, Florida.

Lloyd J. (April 1999) Use of the Diode-pumped solid state 532nm laser for the treatment of facial telangiectasias: An eighteen-month follow up study. Poster presented at The Nineteenth Annual Scientific Meeting of The American Society for Laser Medicine and Surgery in Lake Buena Vista, Florida.

Lloyd J. (April 1998) Evaluation of the Photogenica LPIR Laser for hair removal. Poster presented at The American Society of Laser Surgery and Medicine Meeting in San Diego, California.

### **RESEARCH PARTICIPATION**

#### **2010 Phase IV Study with Avène Tolérance Extrême**

2010 Affirm 1440/1320 nm laser/V-Beam 590 nm laser/CO2 Pixel laser  
Research Plan - A side-by-side comparison of the three different lasers to determine which is more efficacious in treating post surgical scars.

2009 Medicus Dysport onset of action study

2008 - 2009 Affirm 1440/1320 nm laser  
Research Plan – To evaluate a single parameter setting for the treatment of photoaging and acne scarring.

2007 - 2008 Affirm 1440/1320 nm laser  
Research Plan – To evaluate various treatment tips to determine optimal treatment parameters for future treatment of photoaging and acne scarring.

2007 Affirm Facial Acne Investigation  
Research Plan -The purpose of this clinical study is to evaluate the potential benefits of using the Affirm laser for treatment of mature acne scars.

2007 Affirm Facial Photo-rejuvenation Investigation  
Research Plan - To determine if the Affirm Laser is beneficial for the treatment of photodamaged skin.

2006 (Phase VI)  
Evaluation of selective photothermolysis of the sebaceous glands for novel acne treatment.  
Research Plan - Evaluation of treatment intervals using the new Ti-Sapphire laser.

2006  
Apogee Elite Laser and the removal of leg veins  
Research Plan - To evaluate the effectiveness of a 1.5 mm handpiece in the treatment of leg veins.

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**RESEARCH PARTICIPATION (continued)**

2005 to 2006

JetPeel - Treatment of Photodamaged Skin.

Research Plan - To evaluate the ability of the JetPeel procedure for treatment of photodamaged skin.

2005 to 2006

JetPeel - Treatment of Active Acne Lesions

Research Plan - To evaluate the ability of the JetPeel procedure for treatment of active acne.

2004

V-Star Laser Treatment of Active Acne Lesions with and without adjunctive Aminolevulinic Acid (ALA).

Research plan - To determine if laser treatment with or without associated Aminolevulinic Acid (ALA) can reduce the number of inflammatory active lesions for a period of time following treatment.

2004

V-Star with Aminolevulinic Acid (ALA) treatment for Photodamaged Skin.

Research plan - This study will evaluate the efficacy of multiple sub-purpuric treatments combining both PDL and a topical photodynamic compound, Aminolevulinic Acid (ALA) in an effort to improve photodamaged skin without the induction of purpura.

2004

V-Star Laser + Aminolevulinic Acid (ALA) treatment of Recalcitrant Warts.

Research plan - To determine if combining Pulsed Dye laser treatment with ALA can effectively treat warts resistant to treatment with other methods.

2002 to 2004

Evaluation of skin cancer prevention and sun awareness teaching for high school students.

Research plan - To evaluate the effectiveness of a brief, standardized, educational intervention on UV radiation protection in a resistant group.

2003

V-Star Pulsed Dye Laser for the treatment of active acne lesions.

Research plan - To evaluate the V-Star Pulsed Dye Laser treatment in combination with topical or systemic drug therapy for active erythematous, cystic or pustular acne.

2003 (Phase II)

V-Star Pulsed Dye Laser for the treatment of acne rosacea.

Research plan - To determine the efficacy of the V-Star Laser at reducing blood vessels, flushing and redness related to acne rosacea using sub-purpuric treatment ranges.

2003 (Phase I)

V-Star Pulsed Dye Laser for the evaluation of purpura thresholds.

Research plan - To evaluate the purpura thresholds with different laser parameter settings using patient's buttocks as treatment area.

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**RESEARCH PARTICIPATION (continued)**

2003 (Phase V)

Evaluation of selective photothermolysis of the sebaceous glands for novel acne treatment.  
Research Plan - Further evaluation of a re-formalized ICG solution and continued treatment interval comparisons.

2002 (Phase IV)

Evaluation of selective photothermolysis of the sebaceous glands for novel acne treatment.  
Research Plan - To further evaluate the effects of ICG and photothermolysis using different treatment intervals for comparison on patients 12 years of age and older who have active acne involving their backs.

2002 (Phase I)

ICG and laser treatment of leg veins.  
Research Plan - To evaluate the ability of ICG delivered by intravascular injection can be used for laser selective photothermolysis and destruction of diseased blood vessels.

2002

Tazorac cream treatment for acne vulgaris.  
Research Plan - Open label surveillance trial to evaluate the safety and efficacy of Tazorac (Tazarotene) cream, 0.1% in a large patient population with acne vulgaris.

2002

Efudex for treatment of subclinical actinic keratosis and photodamage.  
Research Plan - To evaluate the treatment of Efudex on subclinical lesions and its effect on photorejuvenation.

2002

V-Star Pulsed Dye Laser/V Pulsed Dye Laser for the treatment of acne rosacea.  
Research Plan - To evaluate the efficacy of the V-Star laser vs. the V laser (using different parameters) at reducing blood vessels, flushing, and redness related to acne rosacea.

2001 to 2002 (Phase III)

ICG and Diode laser treatment for acne study with Cynosure.  
Research Plan - To further evaluate the effects of ICG and photothermolysis on patients 12 years of age and older who have active acne involving their backs.

2001 (Phase II)

V-Star Pulsed Dye Laser study with Cynosure.  
Research Plan - Continue to evaluate the ability of the V-Star Laser to reduce the appearance of facial rhytides (wrinkles) providing additional treatments and evaluating post biopsy and photo results.

2001

V-Star Pulsed Dye Laser/ V Pulsed Dye Laser study with Cynosure.  
V-Star Pulsed Dye Laser compared to the V Pulsed Dye Laser for the treatment of warts.  
Research Plan - A side-by-side comparison of the two pulsed dye lasers (which differ in wavelengths) to determine which is more efficacious in destroying warts.

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**RESEARCH PARTICIPATION (continued)**

2001

V-Star Pulsed Dye Laser study with Cynosure.

V-Star Pulsed Dye Laser for the treatment of psoriasis.

Research Plan - To evaluate the V-Star Pulsed Dye Laser as an effective treatment for the selective elimination of the small blood vessels that support the growth of the psoriatic plaque.

2000 to 2001 (Phase II)

ICG and Diode laser treatment for acne study with Cynosure.

Research Plan - To evaluate histologically the effectiveness of the laser treatments on the ICG loaded sebaceous glands.

2000 to 2001 (Phase I)

V-Star Pulsed Dye Laser study with Cynosure.

Research Plan - The purpose is to evaluate the ability of the V-Star to reduce the appearance of facial rhytides (wrinkles) clinically and histologically.

2000

Long-Pulsed Diode Laser study with Cynosure.

Long-Pulsed Diode Laser treatments for permanent hair removal.

Research Plan - Experiment with longer pulse durations and lower energies in all skin types for hair removal.

2000

Research study on the effect of diet on teenage acne.

Research Plan - Assess whether chocolate consumption plays a role in the etiology of teenage acne.

2000

Research study with Aesthetic Technologies.

Research Plan - To evaluate the effectiveness of the Parisian Peel (Microdermabrasion) for teenagers with different stages of acne.

1999 to 2000 (Phase I)

ICG and acne study with Cynosure.

Research Plan - Phase I demonstrated histologically that a topical solution ICG (IndoCyanine Green) could selectively deliver a target into the sebaceous glands.

1999 to 2000

Research study with Skin Ceuticals Inc.

Research Plan - Evaluate the effectiveness of skin care products in the treatment of skin-damaged skin.

1999 to 2000

Apogee TKS Laser study with Cynosure.

Research Plan - Further investigation of the Apogee TKS Laser to evaluate the permanency of laser hair removal. Data was submitted to the FDA.

Cynosure received FDA clearance July 2000 for permanent hair reduction.

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**RESEARCH PARTICIPATION (continued)**

1999

Research study with Aesthetic Technologies.

Research Plan - Effectiveness of Microdermabrasion in sun damaged patients.

1997 to 1998

Apogee TKS Laser study with Cynosure.

Primary investigator of the Apogee TKS Laser for hair removal.

Research Plan - To evaluate the PhotoGenica LPIR Laser for the treatment of hair removal for FDA approval. Data was submitted to the FDA.

Cynosure received FDA clearance for use of the Apogee TKS Laser for hair removal.