# **CURRICULUM VITAE**

# David Bartleson Drake, M.D., F.A.C.S

# **I. PERSONAL DATA:**

Office Address: Department of Plastic Surgery
University of Virginia Health

System

Box 800376

Charlottesville, VA 22908-0376 (434) 924-2123 fax: (434) 924-2362

E-mail: dbd9u@virginia.edu

# **II. EDUCATION:**

**Doctor of Medicine** 1979 - 1983

University of Kentucky College of Medicine Lexington, Kentucky

University of Kentucky 1978

Graduate School Lexington, Kentucky

**Bachelor of Science, Zoology** 1974 - 1978

University of Kentucky Lexington, Kentucky

# **III. POST GRADUATE EDUCATION:**

Chief Resident in Plastic Surgery
University of Virginia

July 1990 June 1991

Department of Plastic and Maxillofacial Surgery

1

August 1990

**Special Rotation** 

Christine M. Kleinert Institute for

Hand and Microsurgery Louisville, Kentucky

**Resident in Plastic Surgery** 

University of Virginia

Department of Plastic and Maxillofacial Surgery

July 1989 -

June 1990

January 1989 -July 1989

Hand and Microvascular Fellowship
University of Virginia

Department of Plastic and Maxillofacial Surgery

**Burn Fellowship**University of Virginia

July 1988 January 1989

Department of Plastic and Maxillofacial Surgery

Chief Resident in General Surgery 1987 - 1988

Mayo Graduate School of Medicine Rochester, Minnesota

**Internship and Residency in General Surgery** 1983 - 1988

Mayo Graduate School of Medicine Rochester, Minnesota

**IV. ACADEMIC APPOINTMENTS:** 

**Professor without term** April 1, 2018

Department of Surgery Division of Plastic Surgery University of Kentucky College of Medicine

Professor without termJuly 2013Associate Professor without termJuly 2004-2013Associate ProfessorJuly 2000-2004Assistant ProfessorJanuary 1995-2000

Department of Plastic & Maxillofacial Surgery University of Virginia School of Medicine Charlottesville, Virginia

**Professor (Joint Appointment)** 

July 2013-2017

#### 12/26/18

Department of Orthopaedic Surgery University of Virginia School of Medicine Charlottesville, Virginia

**Associate Clinical Professor Assistant Clinical Professor** 

2000-2010 1997-2000

Department of Otolaryngology/ Head and Neck Surgery University of Virginia School of Medicine Charlottesville, Virginia

**Assistant Professor** 

August 1992 - December 1994

Department of Surgery Division of Plastic Surgery College of Medicine University of Kentucky Lexington, Kentucky

# OTHER EMPLOYMENT PERTAINING TO CURRENT PROFESSIONAL APPOINTMENTS:

Private Practice in Plastic and

August 1991- July

1992

Reconstructive Surgery Richmond, Virginia

**Visiting Consultant** 

April – June 1995

Saudi-US Universities Project University of Virginia Plastic Surgery Representative King Faisal Hospital Riyadh, Kingdom of Saudi Arabia

# **V. CERTIFICATION AND LICENSURE:**

#### A. CERTIFICATION:

The American Board of Plastic Surgery Board Certified (#4965) Maintenance of Certification November 22, 1996 Recertified November 5, 2003 2007-2012 Recertified through 2027

The American Board of Surgery: Certification of Added Qualifications August 30, 1993 Recertified November 5, 2003 12/26/18 In Surgery of the Hand (#134)

David Bartleson Drake, M.D., F.A.C.S. Recertified through 2027

The American Board of Surgery, Board Certified (#34908) Dec 13, 1989- 1999

#### B. LICENSURE:

Virginia Medical License 1988 - Present

(#0101042348)

Kentucky Medical License (#27223) 1990 – 1997

Minnesota Medical License (#28,694) 1984 - 1988

National Board of Medical Examiners 1984

# **VII. HONORS AND AWARDS:**

Alpha Omega Alpha National Honor Medical Society Mar 12, 2012

University of Virginia Medical School Faculty Inductee

**Academy of Distinguished Educators**November 2005

University of Virginia Medical School Charlottesville, Virginia

**Best Doctors in America** 1996 thru 2013,

2015-2018

Castle Connolly Top Doctors Award 2016-18

Virginia Living Magazine Top Doctors Award Mar 2018 issue

**Plastic Surgery (Hand)** 

Master Teacher Award: Teaching September 1994

Resource Center for Medical Education

University of Kentucky Lexington, Kentucky

Excellence in Teaching Award

Department of Surgery

Academic Year

1993 - 1994

Department of Surgery University of Kentucky Lexington, Kentucky

Hall of Fame Charter Member May 30, 1992

Franklin County High School Frankfort, Kentucky

# **VIII. PROFESSIONAL AFFILIATIONS:**

| American Association for Hand Surgery                              | 1995 – present |
|--|----------------|
| American Association of Plastic Surgeons (#12909)                  | 2008- present  |
| American Burn Association (#17104)                                 | 2003- present  |
| American College of Surgeons: Fellow (#03001817)                   | 1998 – present |
| American Hernia Society (# 3295)                                   | 2009-present   |
| American Medical Association                                       | 1983 - 1988    |
| American Society of Plastic and Reconstructive<br>Surgeons (#5210) | 1992 - present |
| American Society for Reconstructive<br>Microsurgery                | 1996 - present |
| Association for Surgical Education                                 | 1993 – present |
| Fayette County Medical Society                                     | 1993 – 1994    |
| Kentucky Medical Association                                       | 1994 – 1995    |
| Medical Society of Virginia  | 1992 - 1998    |
| Priestly Society of the Mayo Clinic                                | 1988 - present |
| Southern Medical Association                                       | 1993           |
| Southeastern Society of Plastic and Reconstructive Surgeons        | 1993- present  |

ACCME Committee: 2007-2013 Chairman: 2008-2012

Led Recertification Process in 2009

Awards and Special Recognition Committee: 2012-2018 Scientific and Program Committee: 2007, 2009-2013

Research Committee: 2008, 2009

Resident Paper Competition Committee: 2000-2010

Ad hoc Fellowship Committee 2012

Judicial Council 2014-2018

#### **SESPRS** Leadership Positions:

Trustee and Board Member: 2008-2011 Historian: 2011-2012

Parliamentarian 2014-2015 Secretary 2015-2018

Vice President Elect 2018-2019

Virginia Chapter American College of Surgeons 1997-present

Virginia Plastic Surgical Society 1992 - present

# **IX. AREAS OF RESEARCH INTEREST:**

# X. Current Projects in BOLD

## PRIMARY INVESTIGATOR:

- 1. "Autologous Fat Transfer for the Amelioration of Radiation Injury to the Breast" 2012-2014. Charlottesville Women's Four miler: \$63,995.
- 2. "In Vitro and in Vivo Characterization and Study of Cell Populations derived from Human Adipose Tissue" IRB-HSR 9672 (ongoing)
- 3. "Human Allograft for Flexor Tendon Reconstruction" 2012, IRB approval for 10 patients. Southeastern Society of Plastic and Reconstructive Surgeons Research Grant: \$15,000. 2012-2013
- 4. University of Virginia Research and Development Committee Grant: "Reconstruction of Traumatic Flexor tendon injury with human composite allograft" 8/1/2012-7/31/2014. Award # IP00154: \$20,000.
- 5. "Outcome study of Large Volume Breast Reduction" 2012 Retrospective review in progress. IRB-HSR Protocol #16139

- 6. "Outcomes DermaCell" protocol No. Breast 44. PRC Approval (6 patients enrolled) 5/3/12
- 7. "Breast Reconstruction using Acellular Dermis: Outcomes and Patient Satisfaction" IRB-HSR 15240 11/18/2010- 2012 (70 subjects enrolled)
- 8. Outcomes of implant based breast reconstruction using DermACELL, a sterile dermal matrix. IRB –HSR #16139
- 9. ARMED FORCES INSTITUTE FOR REGENERATIVE MEDICINE (AFIRM) SPONSOR PROTOCOL

Local site PI

STUDY NUMBER: 3713

STUDY TITLE: A Phase I/II Study of Autologous Fat Transfer for Scar Prevention and Remodeling. \$ 443,282.

- 10. "Abdominal wall reconstruction using the open-book technique: a fifteen-year, single surgeon experience" 2011-12 (presenting at fall Clinical Congress ACS meeting, Chicago II, Oct 2012)
- 11. "Comparison of a Soap-based Antimicrobial Therapy to Silver Sulfadiazine in Partial Thickness Burns" Study completed and accepted for presentation at the Southern Regional Burn Meeting, Norfolk ,VA Nov 2012
- 12. "Panniculectomy and abdominoplasty in patients undergoing gynecologic surgery: A single center case series of 15 combined procedures" 2010
- 13. "Soft tissue injuries of the fingertip: New method of treatment" 2010
- 14. "Barbed Suture in the repair of Tendon; Comparative Strength and Biomechanics" 2009.ACUC protocol #3739.
- 15. "Non-Vascularized Free Flap Coverage of Bony Spine Soft tissue Deficits" 2009. ACUC Protocol 3749
- 16. "Evaluation of Vascularization of Acellular Biologic matrices Through the Inferior Epigastric Vessels" 2009. ACUC Protocol 3750.
- 17. "Pressure Ulcer Benchmarking Project 2008" University Health System Consortium
- 18. "The Effect of Botulinum Toxin on Vascular Smooth Muscle in a Rodent Model". Southeastern Society of Plastic and Reconstructive Surgeons \$10,000.2007-2008
- 19. "A Prospective, Multi-center, Randomized, Controlled, Clinical Investigation of Dermagraft™ in Patients with Chronic Stage III Sacral Pressure Ulcers- a Pilot Study "

- 20. "A Prospective, Multi-center, Randomized, Controlled, Clinical Investigation of *Dermagraft* in Patients with Plantar Diabetic Foot Ulcers"
- 21. "A Randomized, Comparative, Clinical Trial to Demonstrate Time to Hemostasis Using *Vivostat*<sup>TM</sup> System Fibrin Sealant verses Thrombin"
- 22. "A Double-Blinded, Randomized, Parallel Group, Placebo-Controlled, Multiple Dose, Multicenter Trial to Assess the Efficacy, Safety, Tolerability, and Pharmacokinetics of CGP 46614 in Patients with Chronic Pressure Ulcers"

## CO-INVESTIGATOR:

Macrophage Phenotypes Correspond with Remodeling Outcomes of Various Acellular Dermal Matrices.

Evaluation of Host Tissue Integration, Revascularization, and Cellular Infiltration within Various Dermal Substrates

Case-Matched analysis of fibroblast function in patients undergoing surgical treatment of Dupuytrens contracture

Treatment of Diabetic Foot Ulcers with Doxycycline

Clinical Use of Duoderm Extra-Thin CGF dressing on Stage II Pressure Ulcers

Multicenter Study of a Liquid Occlusive Dressing (LOD) for use on Stage II Pressure Ulcers a Pilot Study

Adjunctive Study with mentor H/S Silicone Gel-filled Mammary Prostheses

The Effects of Fire-Related Psychological Injury on Children, Adolescents, and their parents: Implications for Prevention Interventions; Virginia Tech Department of Psychology

# **ANIMAL RESEARCH ACTIVITIES:**

"Use of Topical Agents to Manipulate Vascular Smooth Muscle in Rat" PI: D Drake, Co-investigator P Arnold MD

"Evaluation of tendon strength in barbed suture repair"
PI: D Drake, Co-Investigator Magid Keramati M.D.

"Non-vascularized free flap coverage of bony spine and soft tissue defects" PI: D Drake, Co-Investigator Sunil Tholpady M.D.

"Biologic Matrix vascularization through the inferior epigastric vessels" PI: D Drake, Co-Investigator Sunil Tholpady M.D.

"The Inluence of Wound Closure Material on Subsequent Infection: Insorb® vs Staples vs Vicryl®

# XI. TEACHING ACTIVITIES:

## A. Classroom, Seminar, or Laboratory:

# **Lecturer: Department of Plastic Surgery:**

| "Acute Thermal Injury" Faculty Discussant           | 8/2015    |
|---|-----------|
| "Trunk/Chest Wall Reconstruction"                   | 9/2013    |
| "Acellular Dermal Matrix in Breast Reconstruction"  | 1/2012    |
| "Head and Neck Microsurgery"                        | 10/2011   |
| "Microsurgery of the Head and Neck"                 | 1/2003    |
| "Fingertip Injuries"                                | 11/1/2002 |
| "Replantation"                                      | 11/1/2001 |
| "Pressure Ulcers: The Millenial Approach"           | 5/30/01   |
| "Thoracic Reconstruction"                           | 5/2000    |
| "Myofascial Dysfunction"                            | 3/20/00   |
| "Replantation for the Millennium"                   | 2/21/00   |
| "Fingertip and Nailbed Injuries"                    | 12/1999   |
| "Myofascial Dysfunction and Carpal Tunnel Syndrome" | 12/1999   |
| "Hand Anatomy"                                      | 7/1999    |
| "Nailbed and Finger Injuries"                       | 5/17/99   |
| "Microsurgery"                                      | 8/25/98   |
| "Replantation"                                      | 8/19/98   |
| "Hand Anatomy"                                      | 7/8/98    |
| "Fingertip and Nailbed Injuries"                    | 1997      |
| "Lower leg Reconstruction;"                         | 1997      |
|   |           |

<sup>&</sup>quot;Dissolvable Microvascular Stents" (8-21-01)

<sup>&</sup>quot;Anastomosis and Doppler Ultrasound Flow Meter Coupling Device" (7-17-01)

<sup>&</sup>quot;Implantable Doppler Monitoring of Free Flaps" (8-17-99)

<sup>&</sup>quot;Hyperbaric Oxygen and Microsurgical Flaps" (6-22-99)

<sup>&</sup>quot;Improving Tissue Tolerance to Ischemia" (11-17-98)

<sup>&</sup>quot;Microvascular Anastomosis and Fibrin Glue" (10-20-98)

<sup>&</sup>quot;Hind Limb Replantation" (1-31-96)

"Facial Injury and Reconstruction;"

1996

### **Teaching: Organized Workshop for Faculty and Residents.**

Nettie R. Jones Microsurgical Lab, University of Virginia.

"Microvascular Anastomotic Device"

May 9, 1998

# Lecturer: Combined Plastic Surgery/Orthopedics, Hand Conference:

| "Replantation"                               | 2012 |
|--|------|
| "Microvascular Flaps and Replantation"       | 2011 |
| "Thermal Injuries of the Hand"               | 1998 |
| "Lower Extremity Reconstruction"             | 1997 |
| "Hand Ischemia and Vascular Reconstruction"  | 1996 |
| "Microsurgical Reconstruction: Replantation" | 1995 |

# Lecturer: Department of Otolaryngology, Head and Neck Surgery:

| "Current Management of Burns to the Head and Neck"   | Mar. 2015    |
|--|--------------|
| "Current Management of Burns to the Head and Neck"   | Nov., 2010   |
| "Facial Burn Injuries"                               | Nov, 2008    |
| "Microsurgery Review for the Head and Neck"          | Aug 29, 2003 |
| "Microsurgery of the Head and Neck"                  | Nov 29, 2001 |
| "Microsurgery for the Head and Neck Specialist"      | May 25, 1999 |
| "Microsurgical Reconstruction of the Cancer Patient" | May 6, 1998  |
| "Free Flap Reconstruction of the Head and Neck"      | 1996         |

Invited Lecture: "Major Flap Reconstruction of the Head and Neck" Otolaryngology Head and Neck Surgery Department: Fitz-Hugh Symposium June 5, 2003

# **Lecturer: Other Departments**

**Grand Rounds:** Department of Physical medicine and Rehabilitation: "Burns and Burn Rehabilitation" 09/06/12

**Grand Rounds:** Department of Physical medicine and Rehabilitation: "Burns and Burn Rehabilitation" 11/04/09

**Grand Rounds**: UVA Department of Surgery:

"Burn Care at the University of Virginia: Implementing Clinical Process Improvement" May 16,

2001

**Grand Rounds**: UVA Department of Surgery:

"New Technology and Advances in Wound Care" Nov. 2000

Lecturer: UVA Department of Surgery: General Surgery Trauma Conference: "Facial Lacerations" 6/96

Lecture: Burn Unit Hospital Personnel

## "Donor Site Dressings and Free Flap Monitoring" 3/96

Lecture: Psychiatry Department at King Faisal Specialist Hospital and Research Center Kingdom of Saudi Arabia

"The Psychological Aspects of Plastic Surgery" April, 1995

## **University of Virginia Medical School Lectures:**

- 2018 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2017 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2016 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2015 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2014 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2013 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2012 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2011 UME "Burn Injuries": Dermatology /Integument Curriculum (First Year students)
- 2010 UME "Burn Injuries": Molecular and Cellular Medicine Curriculum (First Year students)
- 2010 Third Year Lecture: Basic Science for Clinicians: "Wound Healing" Drake, Rodeheaver, Ratliff
- 2009 Third Year Lecture: Basic Science for Clinicians: "Wound Healing" Drake, Rodeheaver, Ratliff
- 2001-2002 Instructor: **Suture Workshop.** "Scientific Basis of Wound Closure Techniques" Given to Third Year Medical Students. Jordan Hall, University of Virginia.
- 12/6/1998 First year medical students; Clinical Correlation in Histology: "Skin"
- 11/11/1997 First year medical students; Clinical Correlation in Histology: "Skin"

1996-2003 Lecture: Third-year medical student's Surgery Rotation, given quarterly: "Thermal Injury"

1996-2003.Lecture: Third-year medical student's Surgery Rotation, given quarterly: "Hand Surgery"

1996, 1997, 1998, 2000 Lecture: UVA Medical Academic Advancement Program) (MAAP): "Burn Injury"

Medical Student Mentor Program 1& 2 year medical students

#### OTHER UVA LECTURES:

2001-2011 Lecture: Graduate Level Nursing Students Wound Care Ostomy Program "Thermal Injuries: Grafts, Flaps, and Skin Equivalents" and "Wound V.A.C. Therapy"

09/10/07, 10/01/07 **Surgical Therapy Advancement Center, University of Virginia** "Clinical Indications for Surgical Hemostasis in plastics and Burn Surgery"

## **Visiting Professor University of Mississippi:** October 14-16, 2012.

Monday, October 15, 2012 "Component Separation in Ventral Hernia Repair"

Tuesday, October 16, 2012

"Management of the Mangled Hand"

# **B.** Clinical Teaching

Sponsor of Fourth-Year Medical Student ACE Preceptorship in Plastic Surgery, University of Virginia, School of Medicine #2608 (trainee, medical school affiliation, and last position known)

- 1995 Tim Bill, (UVA), UVA Plastic Surgery Integrated Program
  Nguyen, W.D., (UVA) General Surgery resident Georgetown
  Julia MacRae, (YALE), UVA Plastic Surgery Integrated Program,
  Julia Woods, (UVA), Dartmoth-Hitchcock Medical Center Plastic Surgery
  Program
- 1997 Chris Marek, (UVA), University of Kentucky Integrated Training in Plastic Surgery
  Jeremy Schweitzer, (UVA), General Surgery, U.C.L.A.

- Ted Watkins, (UVA) Case Western Reserve Integrated Plastic Surgery Program
- 1998 Brent Faulkner, (MCV), UVA Integrated Training in Plastic Surgery Chris Williams, (UVA), Johns Hopkins Integrated Plastic Surgery Program
  Paige Cornette, (UK), University of Kentucky General Surgery Neil Zemmel, (UVA), MCV Plastic Surgery Integrated Program Daniel Trofulgar, Medical School in Germany
- 1999 Diem Nguyen, 4<sup>th</sup> year student University of Virginia Mark Venturi, 4<sup>th</sup> year medical student Georgetown Michael Mathew, 4<sup>th</sup> year student Case Western Reserve
- 2000 Robert Ferguson, 4<sup>th</sup> year student, University of Virginia Erica Adams, 4<sup>th</sup> year student, Georgetown Kimberly Cox, 4<sup>th</sup> year student, Queensland, Australia Jennifer Masden, 4<sup>th</sup> year student, Medical College of Virginia Vic Reddy, 4<sup>th</sup> year student, University of Virginia
- 2001 Shawn Birchenough, 4<sup>th</sup> year student University of Virginia Nick Abedi, 4<sup>th</sup> year student University of West Virginia Keith Burroughs, 4<sup>th</sup> year student Wake Forest University
- 2003 Kerry Sibert 4<sup>th</sup> year student, University of Vermont Jeremy Parris, 4<sup>th</sup> year student, University of North Carolina D.Heath Stacy, 4<sup>th</sup> year student, University of Arkansas Mark Clemens, 4<sup>th</sup> year student, University of Pennsylvania
- Suzanne Brooks, 4<sup>th</sup> year student, Ohio State University Peter Arnold, 4<sup>th</sup> year student, Medical College of Virginia Paris Butler, 4<sup>th</sup> year student, University of Virginia
- Anthony Capito, 4<sup>th</sup> year student, University of West Virginia Abhishek Chatterjee, 4<sup>th</sup> year student, U of Connecticut Sara Abdollahzadeh, 4<sup>th</sup> year student, University of Virginia
- 2008 Brooke, Taylor 4<sup>th</sup> year student, Drexel, Pittsburgh, PA
  Tyler Angelos, 4<sup>th</sup> year student, Wright State, Dayton OH
  Christopher Kinsella, 4<sup>th</sup> year student, Drexel, Pittsburgh, PA
  Brent DeGeorge, 4<sup>th</sup> year student, University of Pennsylvania
- 2009 Kassandra Hanna 4<sup>th</sup> year student, University of Virginia
- 2013 Sanchez, 4<sup>th</sup> year student, University of Mississippi Matt Joy, 4<sup>th</sup> year student, Roanoke Carillion Medical School
- 2014 Michael Holland 4th year student, University of Virginia
- 2015 Sean Li 4<sup>th</sup> year student, Medical College of Virginia

William Snapp 4<sup>th</sup> year student, University of Kentucky

2016 Sara Photiatis 4<sup>th</sup> year student, University of Virginia

( after 2016 the Fourth Year Rotation was shared among faculty members)

# Sponsor of Fourth-Year Medical Student Selective in Plastic Surgery, University of Virginia, School of Medicine #2610

Daily clinical teaching with Plastic Surgery residents, Hand Fellows and medical students In Plastic Surgery clinic, Operating room (both inpatient and outpatient), and ward rounds

#### Course Director 2000- 2013:

Serves as the course director for the third year Medical students rotating through Plastic Surgery during their Surgical clerkship. Responsible for the written objectives and overall mentoring of the students.

## A. Educational Scholarship

#### **Instructional Course:**

Co-authored the manual and videotape of the instructional course "Scientific Basis of Wound Closure Techniques" This course is distributed throughout the United States to medical students, residents, and allied health professionals by the United States Surgical Corporation. This course is accredited for Category 1 CME of the Physician Recognition Award of the AMA.

#### Video Surgical Workshop for American College of Surgeons:

Presented and authored a video production for the American College of Surgeons "Cine Clinic". This video demonstrated my unique technique for large hernia repair using the patients' own tissue by component separation. This video was also posted as a podcast on iTunes for resident access and education.

#### **Textbook of Simulation: Skills and Team training**

Nava G, **Drake DB.** *Plastic Surgery, Microsurgical Simulation:* in Textbook of Simulation, Skills and Team Training,. Ed Tsuda TT, Scott DJ, Jones DB. Association for Surgical Education. Cine-Med Pub. 2012

# B. Student Counseling and Mentorship

# University of Virginia Medical School Larry S. Nichter Award: Faculty Mentor

The award honors a fourth year UVA medical student for exemplary research in Plastic Surgery, leading to improved quality and outcome of patient care.

Andrew Lee 2016 Faculty Mentor
Alexandra Tilt 2015 Faculty Mentor
Scott A Wallace 2012 Faculty Mentor
Kasandra Rae Hanna 2011 Faculty Mentor
Robert Edward Hugh Ferguson, Jr. 2001 Faculty Mentor
Christopher Alan Marek 1998 Faculty Mentor

# Southeastern Society of Plastic and Reconstructive Surgeons; Glancy Award: Faculty Mentor

The Glancy Award is annually presented to the resident and residency program deemed to

have presented the finest paper in the residency competition at the Annual Meeting. A large silver bowl on which is inscribed the name of the resident and institution is placed in the keeping of that institution during the year of its victory.

Brent DeGeorge M.D. 2104 Faculty Mentor Anthony Capito M.D. 2011 Faculty Mentor Sunil Tholpady M.D. 2008 Faculty Mentor

# Raymond F. Morgan Resident Research Award:

Deborah Yu 2014 Faculty Mentor John Black M.D. 2013 Faculty Mentor Brent DeGeorge 2016 Faculty Mentor

#### **Faculty Advisor:**

#### **Faculty Advisor for University of Virginia Medical Students**

- 1) Neil Zimmel 1996-97
- 2) Shawn Birchenough 2001-2002
- 3) Ben Shalet 2002-2003
- 4) Sunil Tholpady 2004-2005
- 5) Sara Abdollahzdeh 2005-2006
- 6) Rachael Tae 2008-2009

#### **Faculty Advisor for Residents in the Plastic Surgery Training Program**

- 1) Tim Bill 1996-2002
- 2) Brent Faulkner 1999-2005

#### 12/26/18

- 3) Michael Matthew 2000-2006
- 4) Guille Nava 2001-2007
- 5) Shawn Birchenough 2002-2008
- 6) Chris Campbell 2003-2009
- 7) Peter Arnold 2004- 2010
- 8) Sunil Tholpady 2005- 2011
- 9) Anthony Capito: 2006- 2012
- 10) Jonathan Black: 2007-2008
- 11) Shruthie Chusdasma: 2008-2012
- 12) Debra Yu: 2010-2012

#### Cabell Society Shadowing Program (UVA Surgical Interest group)

Multiple first and second year students

#### **University of Virginia Undergraduate Students Externships:**

- 1. Caroline Conkwright 9/2008-10/2008
- 2. Juliana Minik Jan 2006 Jefferson Extern

## XII. TEACHING ACTIVITIES OTHER:

#### **Program Director:**

University of Virginia Hand Fellowship (Plastic Surgery) 1996 – Present

#### **Program Development:**

Developed and organized the **Integrated Training Model** in Plastic Surgery at the University of Virginia in 1996. This is a six-year residency in Plastic Surgery where the resident is selected directly from Medical School. The educational curriculum is a blend of General Surgery and surgical sub-specialties in the first three years followed by three years of Plastic Surgery training. This is one of first of 40 fully-accredited training programs in the nation using this integrated model and it attracts the top medical students interested in this training format to the University each year. The program recently received fully-accredited status. Dr. Drake served as the program coordinator and faculty advisor for these residents and chaired the selection committee until 2008.

# XIII. OTHER PROFESSIONAL ACTIVITIES:

12/26/18

Editorial Board: Annals of Plastic Surgery; Research Section

**Editorial Board:** Journal of Effects of Long Term Implants

**Reviewer**, Archives of Otolaryngology: 2006- Present (5 articles)

Reviewer, Journal of Hand Surgery: 2005-Present (2 articles)

**Reviewer**, Journal of Trauma: 1995-Present (20 articles)

**Reviewer**, Journal of Neurosurgery: 2006-Present (6 articles)

**Reviewer**, Journal of Neurosurgery: Pediatrics 2009 (2 articles)

**Reviewer**, Annals of Plastic Surgery: 2009-Present (189 articles)

# **XIV. Clinical Activities:**

## A. Inpatient:

# Hospital appointments:

University of Virginia Hospital Staff January 1995 - present

Charlottesville, Virginia

Virginia Ambulatory Surgery Center Staff

January 1995- 2008

LIVA Outpatient Surgery Center

Luky 2008 present

UVA Outpatient Surgery Center July 2008- present

Martha Jefferson Hospital January 1997 - present

Charlottesville, Virginia Courtesy Consultant Status

Martha Jefferson Hospital September 2003- present

Outpatient Surgery Center Charlottesville, Virginia

UVA-Health South Rehabilitation Hospital November 1998 - present

Courtesy Staff

UVA Transitional Care Hospital Dec 2011- present

Medical Director Dec 2012- present

Wound Care Program

Member CSEC 2012- present

University of Virginia Hospital:

1996 - 2017 **Medical Director** DeCamp Burn and Wound Healing Center University of Virginia **Hyperbaric Medicine Consultant** 1998 - 2005 University of Virginia **Director Microsurgical Services** 1999-2014 Department of Plastic and Reconstructive Surgery **University of Virginia Breast Care Team** 2006-present **Emily Couric Clinical Cancer Center Member** 2012-present **Emily Couric Cancer Center Melanoma Team** 2008-present

# B. Outpatient:

#### Extramural:

**Medical Director** 1998- Present Central Virginia Burn Camp

#### XV. COMMITTEES AND COUNCILS

#### **University of Virginia Medical School**

Graduate Medical Education Committee 1996 - present

Subcommittee on Internal Program Reviews 1998present

Internal Reviewer for Electrophysiology Fellowship 1/2001 Internal Reviewer for Endocrinology and Metabolism Residency 11/1998 Subcommittee for Approval of Animal Use in Resident Training Programs 2004

#### University of Virginia Hospital

Radiation Care Committee 2015-present

TeleHealth Advisory Committee 2011- Present

| 12/26/18 Supervising Physician Wound Care Team   | David Bartleson Drake, M.D., F.A.C.S. 2010- Present |
|--|---|
| Critical Care Committee<br>Burn Unit Representative  | 1996 – 2017   |
| Operating Room Committee; Plastic Surgery Rep  | resentative 2006- 2017                              |
| Operating Room Subcommittee for Outpatient Su<br>Plastic Surgery Representative  | rgery Center; 2006- 2017                            |
| Direct Care Team, Plastic Surgery<br>University of Virginia  | 1996 - 2000   |
| Executive Medical Committee, Health South/<br>University of Virginia Rehabilitation Hospital   | 1998 - 2000   |
| Musculoskeletal Services, Quality Control<br>University of Virginia  | 1996 - 1998   |
| Operating Room Committee, Plastic Surgery Rep  | resentative 1996 – 1999                             |
| <b>Project Leader</b> : Medical Management Initiative of current practice and establishment of "best praguidelines for the Burn Unit |   |
| <b>Project Leader</b> : Medical Management Initiative the coordination and establishment of a multidisc wound care team              |   |
| Skin Care Pathway Team; (developed a critical pathway for pressure sore management)  | 1996 - 1997   |
| Plastic Surgery Department:  |   |
| Promotion and Tenure Committee   | 2006  |
| Integrated Residency Program developer and Faculty Coordinator   | 1996-2008   |
| Medicare Regulations Compliance Coordinator<br>Department of Plastic Surgery   | 1998 - 2005   |
| Y2K Compliance Coordinator, Dept. of Plastic S   | urgery 1998 – 2000                                  |

# **National:**

American Board of Plastic Surgery Oral Board Guest Examiner

2010, 2011, 2013, 2015

| Association of Hand Surgery Directors   | 1999-present   |
|---|----------------|
| Children's Burn Awareness Program<br>National Program Committee   | 1994 - 1995    |
| Plastic Surgery Educational Foundation (PSEF) In-service Exam Committee Hand and Extremities Subcommittee | 1993 - Present |
| Plastic Surgery Educational Foundation (PSEF)   | 1993 - 1996    |

# XVI. FINANCIAL RESOURCES (GRANTS AND CONTRACTS) (CURRENT IN BOLD):

**Publications Committee** 

- 1. 2013-2014 Biomechanics of Revitalized Human Tendon Allograft. Plastic Surgery Foundation Pilot Research Grant. (\$10,000.00) (Faculty Mentor to Dr DeGeorge)
- 2. 2012-2013 Principal Investigator: Traumatic Hand Flexor Repair with Human Composite Tendon Allograft. Southeastern Society of Plastic and Reconstructive Surgeons Annual Research Award. (\$15,000.00) (Faculty Mentor to Dr DeGeorge)
- 3. "Autologous Fat Transfer for the Amelioration of Radiation Injury to the Breast" 2012-2013. Charlottesville Women's Four miler: \$63,995.
- 4. "Human Allograft for Flexor Tendon Reconstruction" 2012, IRB approval for 10 patients. Southeastern Society of Plastic and Reconstructive Surgeons Research Grant: 2012-2013 \$15,000.
- 5. University of Virginia Research and Development Committee Grant: "Reconstruction of Traumatic Flexor tendon injury with human composite allograft"

8/1/2012-7/31/2014. Award # IP00154: \$20,000.

6. Plastic Surgery Research Grant: The Biophysical Properties of Composite Flexor Tendon Allografts. 7/1/13-7/1/14. \$10,000 ARMED FORCES INSTITUTE FOR REGENERATIVE MEDICINE (AFIRM) SPONSOR PROTOCOL Local site PI STUDY NUMBER: 3713 STUDY TITLE: A Phase I/II Study of Autologous Fat Transfer for Scar Prevention and Remodeling. \$443,282.

- 7. "The Effect of Botulinum Toxin on Vascular Smooth Muscle in a Rodent Model". Southeastern Society of Plastic Surgeons \$10,000. 2007-2008
- 8. "Smoking and Impaired Wound Healing." New Faculty Investigator Grant, University of Kentucky College of Medicine, \$13,175. July 1993-June1994.
- 9. "Development of a Cotinine ELISA to Quantify Chronic Tobacco Use." Department of Surgery Grant, University of Kentucky Medical Center, \$9,300.
- 10. "A Randomized, Comparative Clinical Trial to Demonstrate Time to Hemostasis Using Vivostat™ System Fibrin Sealant versus Thrombogen™." Protocol No. CF-0109-97-A153. \$500

# **XVIII. Personnel Currently Supervised:**

- 1) **Primary Physician Supervisor** for Mary Chandler R.N. NP, UVA Hand Center Clinical Practice
- 2) **Physician Supervisor** for **Catherine Ratliff** R.N., PhD, N.P., CWCC Director of UVA Chronic Wound Care Clinic
- 3) **Physician Supervisor** for **Tara Beuscher** R.N. N.P. CWCC, WoundCare Practitioner at UVA Transitional Care Hospital
- 4) **Visiting Professor**, Xiemi Wang M.D. The First Affiliated Hospital of Zhengzhou University, Zhengzhou China: Jan 31, 2009-Feb 1, 2010
- 5) Co-Physician Director Wound Care Team University Hospital

# XIX. NONE

# **XX. PAPERS PUBLISHED OR IN PRESS:**

1. DeGeorge BR, Archual AA, Martinez R, Drake DB. Multiple Human Composite Flexor Tendon Allografts for Traumatic Degloving Injury of the Hand. Submitted to J Hand Surg.

- 2. Lobb, DC, SmithJ, Olenczac JB, MD, **Drake DB**. Psychological and psychosocial barriers to prevention of recurrent self-inflicted burns: Case Report involving Oven Cleaner. *J Burn Care Res* 2018 in press
- 3. Lands, HM, **Drake DB.** A Medical Mystery: Unexplained Renal failure in Burn Patients. *J Burn Care Res*. 2018 in press
- 4. DeGeorge BR Jr1, Olenczak JB, Pineros-Fernandez A, Morgan RF, Cottler PS, Drake DB. Abdominal Wall Allograft: Preclinical Biomechanical Investigation of a Novel Reconstructive Adjunct. Ann Plast Surg. 2017 Jun;78(6S Suppl 5): S315-S321.
- 5. DeGeorge BR Jr., Olenczak JB, **Drake DB**, Lin KY, Morgan RF, Cottler PS, Campbell, CA.\* Evaluation of Sidestream Darkfield Microscopy for Real-Time Imaging Acellular Dermal Matrix Revascularization. Annals of Plastic Surgery. 2016. IF = 1.458, Rank 96 of 202 Surgery journals
- 6. Lee AC, **Drake DB**, DeGeorge BR Jr.\* Medical Student and Primary Care Physician Perception of the Surgical Management of Upper- and Lower-Extremity Peripheral Nerve Entrapment. Annals of Plastic Surgery. 2016 Jan 21. IF = 1.458, Rank 96 of 202 Surgery journals.
- 7. Hanna KR. Tilt A, Holland M, Colen D, Bowen Byers, Stovall M, Lee A, Wang J, **Drake DB**, Lin KY, Uroskie T, Campbell CA. Reducing infectious complications in implant based reconstruction: impact of early expansion and prolonged drain use. Ann Plast Surg: in press 2016
- 8. DeGeorge BR Jr, Holland MC, Drake DB.\* The impact of conflict of interest in abdominal wall reconstruction with acellular dermal matrix. Annals of Plastic Surgery. 2015 Feb;74(2):242-7. IF = 1.458, Rank 96 of 202 Surgery journals
- 9. Yu D, Hanna, KR, Tilt AC, Drake DB. Comparison of Histological Characteristics of ADM to Surrounding Breast Capsules in ADM Assisted Breast Reconstruction: Ann Plast Surg in press 2014 (Winner of the Bostwick Award) IF = 1.458, Rank 96 of 202
- 10. Tilt AC, DeGeorge BD, **Drake DB**: A Surgeon's Historical Perspective: Dr. Leonard Furlow on the Early Years of Human Composite Flexor Tendon Allografts" Ann Plast Surg2 014 Aug:73 (2); 121-3. IF = 1.458, Rank 96 of 202 Surgery journals. Conceptualized, researched and co-wrote the article.
- 11. Operative Technique for Human Composite Flexor Tendon Allograft Procurement and Engraftment" Ann Plast Surg 2014 Jun; 72 Suppl 2: S191-7. IF = 1.458, Rank 96 of 202
- 12. DeGeorge BD, Rodeheaver GT, **Drake DB**: The Biophysical Charactistics of Human Composite Flexor Tendon Allograft for Upper Extremity Reconstruction. Ann Plast Surg June 2014, 72(2), p s184-s190. IF = 1.458, Rank 96 of 202
- 13. Mericli, AM, DeGeorge BD, **Drake DB**: The single fascial incision modification of the "open-book" **component separation** repair: a 15-year experience. Ann Plast Surg (United States), Aug 2013, 71(2) p203-8. IF = 1.458, Rank 96 of 202

- 14. **Drake DB**; Tilt AC; DeGeorge DB. Acellular Flexor Tendon Allografts: A New Horizon for Tendon Reconstruction. *J Hand Surg*: Current Concepts . J Hand Surg Am. 2013 May 28. IF = 1.667, Rank 31 of 72 Orthopaedic journals
- 15. Agrawal H; Tholpady SS; Capito AE; **Drake DB**; Katz AJ. Macrophage Phenotypes Correspond with Remodeling Outcomes of Various Acellular Dermal Matrices. Accepted *Open J Regen Med* 2012
- 16. Mericli AF; DeGeorge BD; Bell DM; **Drake DB.** The Single Fascial Incision Modification of the "Open Book" Component Separation Repair: a 15 year Experience. *Ann Plas Surg* 71(2):203-208; 2013 IF 1.274 Rank 93 of 188
- 17. Hanna KR, DeGeorge BR Jr, Mericli AF, Lin KY, Drake DB.\* Comparison study of two types of expander-based breast reconstruction: acellular dermal matrix-assisted versus total submuscular placement. Annals of Plastic Surgery. 2013 Jan;70(1):10-5. IF = 1.458, Rank 96 of 202 Surgery journals. Researched and co-wrote the manuscript.
- 18. Capito AE; Tholpady SS; Agrawal H; **Drake DB**; Katz AK: Evaluation of Host Tissue Integration, Revascularization, and Cellular Infiltration WithinVarious Dermal Substrates. *Ann Plas Surg* 2012. Cited 0 times, IF 1.274 Rank 93 of 188
- 19. Wallace SA., Mericli AF, Taylor PT, **Drake DB:** Panniculectomy and abdominoplasty in patients undergoing gynecologic surgery: A single center case series of 15 combined procedures. *Ann Plas Surg* 2012 Cited 3 times IF 1.274 Rank 93 of 188
- 20. Mericli AF, **Drake DB**. Abdominal Contouring in Super Obese Patients: A single Surgeon Review of 22 cases *Ann Plas Surg* 66 (5) 523-527. May 2011 Cited 0 times IF 1.274 Rank 93 of 188
- 21. Comparison Study of Two Types of Expander-Based Breast Reconstruction: Acellular Dermal Matrix-Assisted Versus Total Submuscular Placement. Hanna, K.R., DeGeorge, B.R., Mericli, A.F., Lin, K.Y., **Drake, D.B**.; Ann Plast Surg. 2011-08-22. IF 1.274 Rank 93 of 188
- 22. Zuelzer H B, Ratliff C R, **Drake D B.** Complications of Abdominal Contouring Surgery in Obese Patients: Current Status. *Ann Plas Surg.* 64 (5) 598-604; 2010
  Cited 3 times IF 1.274 Rank 93 of 188
- 23. Edlich RF, Rodeheaver GT, Thacker JG, Lin KY, **Drake DB**, Mason SS, Wack CA, Chase ME, Tribble C, Long WB 3rd, Vissers RJ. <u>Revolutionary advances in the management of traumatic wounds in the emergency department during the last 40 years: part I.</u> J Emerg Med. 2010 Jan;38(1):40-50. Epub 2009 Mar 5. Review.

Cited 0 times IF = 1.552, Rank 7 of 23 Emergency Medicine journals

- 24. Edlich RF, Rodeheaver GT, Thacker JG, Lin KY, **Drake DB**, Mason SS, Wack CA, Chase ME, Tribble C, Long WB 3rd, Vissers RJ. <u>Revolutionary advances in the management of traumatic wounds in the emergency department during the last 40 years: part II.</u> J Emerg Med. 2010 Feb; 38 (2):201-7.
  - Cited 0 times IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 25. Arnold PB, Merritt WH, Rodeheaver GT, Campbell CA, Morgan RF, **Drake DB.** Effects of Perivascular Botulinum Toxin-A Application on Vascular Smooth Muscle and Flap Viability in the Rat. *Ann Plas Surg*.62 (5) 463-467; 2009
  - Cited 2 times IF 1.274 Rank93 of 188
- 26. Arnold PB, Campbell CA, Rodeheaver GR, Merritt Wyndell, Morgan RF, Drake DB. Effects of Perivascular Botulinum Toxin-A on Vascular Smooth Muscle in the rat. *Hand*. 4 (3) 302-307; September, 2009 Cited \* times
- 27. Edlich RF, **Drake DB**, Rodeheaver GT, Winters KL, Greene JA, Gubler KD, Long WB 3rd, Britt LD, Winters SP, Scott CC, Lin KY. <u>Syneture stainless STEEL suture</u>. A collective review of its performance in surgical wound <u>closure</u>. J Long Term Eff Med Implants. 2006;16(1):101-10. Review a. Cited \* times(this journal not ranked by the ISI Web of Science)
- 28. Piñeros-Fernandez A, Salopek LS, Rodeheaver PF, **Drake DB**, Edlich RF, Rodeheaver GT. A revolutionary advance in skin closure compared to current methods. *J Long Term Eff Med Implants*. 2006;16(1):19-27.

  a. Cited \* times(this journal not ranked by the ISI Web of Science)
- 29. Edlich RF, Winters KL, Britt LD, Long WB 3rd, Gubler KD, **Drake DB.**<u>Difficult wounds: an update.</u> *J Long Term Eff Med Implants*. 2005;15(3):289-302. Review.
  - a. Cited \* times(this journal not ranked by the ISI Web of Science)
- 30. Pineros-Fernandez A, **Drake DB**, Rodeheaver PA, Moody DL, Edlich RF, Rodeheaver GT. CAPROSYN ® another major advance in Synthetic Monofilament Absorbable Suture. *J Long Term Eff Med.* 14(5):359-68.2004 Cited \* times, (this journal not ranked by the ISI Web of Science)
- 31. **Drake DB**, Rodeheaver PF, Edlich RF, Rodeheaver GT. Experimental Studies in Swine for Measurement of Suture Extrusion. *J Long Term Eff Med* 14(3): 251-9.2004

  Cited \* times, (this journal not ranked by the ISI Web of Science)
- 32. Weed T, Ratliff C, **Drake DB**. Quantifying Bacterial Bioburden During Negative Pressure Wound Therapy. *Ann Plas Surg* 52(3):276-280;2004

Cited 71 times, IF 1.274 Rank 93 of 188

- 33. Ennis S, Young J, Gampper TJ, **Drake DB.** The "Open Book" Modification of the Component Separation Technique for Treatment of Massive Midline Abdominal Wall Hernia" Amer Surg 69 (9): 733-743; 2003 Cited 18 times, IF = 1.363
- 34. Kallianinen LR, **Drake DB**, Edgerton MT, et al. Surgical Management of the Hand in Freeman Sheldon Syndrome. Ann Plas Surg 50 (5): 456-462; 2003 Cited 5 times, IF 1.274 Rank 93 of 188
- 35. Drake DB, Wong LG. The Hemostatic Effect of Vivostat® Patient-Derived Fibrin Sealant on Split Thickness Skin Graft Donor Sites. Ann Plas Surg 50:367-372; 2003 Cited 12 times, IF 1.274 Rank 93 of 188
- 36. Edlich RF, Wind TC, Heather CL, Degnan GG, Drake DB. Recommendations for Postexposure Hepatitis Prophylaxis for Operating Room Personnel and Patients Exposed to Bloodborne Diseases. J Long Term Eff Med. 13(2):103-116: 2003 Cited \* times, (this journal not ranked by the ISI Web of Science)
- 37. MaCrae JW, Tholpady SS, Katz AJ, Gampper TG, **Drake DB**, Ogle RC, Morgan RF. Human adipocyte viability testing: a new assay. Aesthet Surg J. 2003 Jul-Aug;23(4):265-9.
  - a. Cited \* times (this journal not ranked by the ISI Web of Science)
- 38. Christensen JP, Leong-Poi H., Amiss LR, **Drake DB**, Kaul S., Lindner JR. Skin perfusion assessed by contrast ultrasound predicts tissue survival in a free flap model. Ultrasound in Med and Bio. 28 (3): 315-20; 2002
  - a. Cited 12 times, IF =1.758, Rank 33 of 81 Medical Imaging journals
- 39. Frost-Arner L, **Drake DB**, Spotnitz WD, Rodeheaver GT. Comparison of available fibrin sealants and free thrombin on the viability of abdominal tissue flaps with a microvascular venous anastomosis. Plas Recon Surg 108 (6) 1655-60;2001 Cited 20 times, IF =2.647
- 40. Hersh RE, Kaza AK, Long SM, Fiser SM, Drake DB, Tribble CG. A technique for the treatment of sternal infections using the Vacuum Assisted Closure Device. *Heart Surgery Forum* 4(3): 211-5 ; 2001 Cited 54 times, IF = 1.058, Rank 54 of 141 Surgical journals
- 41. Lin KY, Johns FR, Gibson J, Long M. Drake DB, Moore MM. An outcome study of breast reconstruction: presurgical identification of risk factors. *Annals* of Surgical Oncology 8(7): 586-91; 2001 Cited 38 times, IF 4.182
- 42. **Drake DB**. Ferguson REH. Fibrin sealants in microvascular surgery: Current status. J Long Term Eff Med 11(1&2):65-72; 2001 Cited 7 times, (this journal not ranked by the ISI Web of Science)

- 43. Rodeheaver GT, Shimer AL, Boyd LM, **Drake DB**, Edlich RF. An innovative absorbable coating for the polybutester suture. *J Long Term Eff Med* 11(1-2):41-54; 2001

  Cited \* times, (this journal not ranked by the ISI Web of Science)
- 44. Bill TJ, Foresman PA, Rodeheaver GR, **Drake DB**. Fibrin Sealant: A Novel Method of Fixation for an Implantable Ultrasonic MicroDoppler Probe. *J Reconst Micro* 17(4): 257-62; 2001
  Cited 1 times, IF =0.624, Rank 97of 141 Surgical journals
- 45. Hersh RE, Jack JM, Dahmann MI, Morgan RF, **Drake DB**. The Vaccuum Assisted Closure Device as a Bridge to Sternal Wound Closure. *Ann Plast Surg* 46(3): 250-4;2001 Cited 5 times, IF 1.274 Rank 93 of 188
- 46. Drake DB, Faulkner BC, Amiss LR, Spotnitz WD, Morgan RF. Thrombogenic effects of a nonthrombin based fibrin sealant compared with thrombin-based fibrin sealant on a microvenous anastomoses in a rat model. *Ann Plast Surg* 45 (5): 520-4;2000 Cited 7 times, IF 1.274 Rank 93 of 188
- 47. Opperman LA, **Drake DB**, Kang P, Nakeeb SM, Gamas M, Morgan RF. A pilot study of short and long term sequelae to rigid fixation across metacarpal physes in a baboon model. *Ann Plast Surg* 44 (1): 36-43; 2000 a. Cited 1 times, IF 1.274 Rank93 of 188
- 48. Schultz RO, **Drake DB**, Morgan RF. A new technique for the treatment of flexor digitorum profundus tendon avulsion. *Ann Plas Surg* 42(1): 46-8; 1999 Cited 8 times, IF 1.274 Rank93 of 188
- 49. Vastine VL, Morgan RF, Williams GS, Gampper TJ, **Drake DB**, Knox LK, Lin KY. Wound complications of abdominoplasty in obese patients. *Ann Plast Surg* 42: 34-9;1999 Cited 86 times, IF 1.274 Rank93 of 188
- 50. Rodeheaver GT, **Drake DB**, Neal JG, Jackson EM, Suber F, Foresman PA, Edlich RF. Influence of latex glove hydration on bacteriophage penetration. *J Long Term Eff Med* 8 (3-4): 241-8; 1998

  Cited 3 times, (this journal not ranked by the ISI Web of Science)
- 51. Marek CA, Amiss LR Jr, Morgan RF, Spotnitz WD, **Drake DB**. Acute thrombogenic effects of fibrin sealant on microvascular anastomoses in a rat model. *Ann Plast Surg* 41(4): 415-9;1998
  - a. Cited 21 times, IF 1.274 Rank93 of 188
- 52. Zemmel N, Amiss LR, Sheppard FR, **Drake DB**. A temporal analysis of the effects of pressurized oxygen (HBO) on the pH of amputated muscle tissue. *Ann Plast Surg* 40(6):624-9; 1998

  Cited 1 times, IF 1.274 Rank93 of 188
- 53. **Drake DB**, Woods JA, Bill TJ, Kesser BW, Wenger MA, Neal JG, Edlich RF. Magnetic resonance imaging in the early diagnosis of group A beta streptococcal necrotizing fascitis: A case report. *J Emerg Med* 16(3): 403-7; 1998
  - Cited \* times, IF = 0.743, Rank 6 of 12 Emergency Medicine journals

- 54. Neal JG, Cox MJ, **Drake DB**, Hoard MA, Thacker JG, Watkins FH, Edlich RF. A new computerized control unit for small bone surgical instruments. *Med Prog Technol.* 1997; 21: 25-30. Cited \* times, (this journal not ranked by the ISI Web of Science)
- 55. Watkins FH, **Drake DB**, Holmdahl LE, Cox MJ, Fay FM, Edlich RF. Peritoneal healing with adhesion formation: Current Comment. *J Long Term Eff Med* 7: 139-154; 1997

  Cited \* times, (this journal not ranked by the ISI Web of Science)
- 56. Faulkner BC, **Drake DB**, Gear AJL, Watkins FH, Rodeheaver GT, Edlich RF. Molten metal burns: further evidence of industrial foundries' failure to comply with Occupational Safety and Health Administration regulations. *J Emerg Med* 15(5): 675-7;1997
  Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 57. Stiles BM, **Drake DB**, Gear AJL, Watkins FH, Edlich, RF. Metacarpophalangeal joint dislocation: Indications for open surgical reduction. *J Emerg Med* 15(5): 699-671; 1997

  Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journal
- 58. **Drake DB**, Gear AJ, Mazzarese PM, Faulkner BC, Woods JA, Edlich RF. Search for a scientific basis for continuous suture closure: A 30-yr odyssey. *J Emerg Med* 15(4): 495-504; 1997
  Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 59. Annunziata CC, **Drake DB**, Woods JA, Gear AJ, Edlich RF. Technical Considerations in Knot Construction. Part I. Continuous Percutaneous and Dermal Suture Closure. *J Emerg Med* 15(3): 351-356; 1997 Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 60. Wright HR, **Drake DB**, Gear AJ, Wheeler JC, Edlich RF. Industrial high-voltage electrical burn of the skull, a preventable injury. *J Emerg Med* 15(3): 345-349;1997
  Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 61. Woods JA, Lambert S, Platts-Mills TAE, **Drake DB**, Edlich RF. Natural rubber latex allergy: Spectrum, diagnostic approach and therapy. *J Emerg Med* 15(1): 71-85;1997
  Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 62. Woods JA, Cobb AT, **Drake DB**, Edlich RF. Steam press hand burns: A serious burn injury. *J Emerg Med* 14(3): 357-360;1996 Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 63. Bill TJ, Bentrem DJ, **Drake DB**, Edlich RF. Grease burns of the hand: Preventable injuries. *J Emerg Med* 14(3): 351-355;1996 Cited \* times, IF = 1.552, Rank 7 of 23 Emergency Medicine journals
- 64. Woods JA, Leslie LF, **Drake DB**, Edlich RF. Effect of puncture resistant surgical gloves, finger guards, and glove liners on cutaneous sensibility and surgical psychomotor skills. *J Biomed Mater Res* 33: 47-51;1996 Cited 10 times, IF = 2.462, Rank 2 of 11 Material Science/Biomaterials journals

- 65. Schweitzer J, Zemmel N, **Drake DB**, Morgan RF, Bill TJ, Edlich RF. New instruments, bone liners, and tray for finger joint arthroplasty. *J Long Term Eff Med.* 5(2):147-153; 1995

  Cited 1 time, (this journal not ranked by the ISI Web of Science)
- 66. Schweitzer J, Bentrem DJ, Gabriel MC, **Drake DB**, Edlich RF. An overview of first metatarsophalangeal joint implant arthroplasty. *J Long Term Eff Med* 5(2): 93-104;1995
  Cited 2 time, (this journal not ranked by the ISI Web of Science)
- 67. Sloan DA, Donnelley MB, **Drake DB,** Schwartz RW. Faculty sensitivity in detecting medical-students clinical competence *Med Teach* 17(3):335-342; 1995
  - Cited 7 times, IF = 0.210, Rank 3 of 16 Educational journals
- 68. **Drake DB**, Oishi S. Wound healing considerations in chemotherapy and radiation therapy. *Clin Plast Surg* 22(1): 31-37;1995 Cited 15 times, IF = 0.942
- 69. **Drake DB**. Reconstruction for limb-sparing procedures in soft-tissue sarcomas of the extremities. *Clin Plast Surg* 22(1): 123-128;1995 Cited 6 times, IF = 0.942
- 70. **Drake DB**, Janus CL, Morgan RF. Magnetic resonance imaging of the in situ mammary prosthesis. *Ann Plast Surg* 33(3): 258-262;1994 Cited 6 times, IF 1.274 Rank 93 of 188
- 71. **Drake DB**, Persing JA, Berman DE, Ogle RC. Calvarial deformity regeneration following subtotal craniectomy for craniosynostosis. *J Craniofacial Surg* 4(2): 85-90;1993
  Cited \* times, IF = 0.691, Rank 90 of 141 Surgical journals
- 72. **Drake DB**, Kessler R, Morgan RF. Digital sympathectomy for refractory Raynaud's syndrome in an adolescent. *J Rheumatol*. 19(8): 1286-1288;1992 Cited 8 times, IF = 3.551
- 73. **Drake DB**, Morgan RF, Cooper PH. Shave excision and dermabrasion for facial angiofibroma in tuberous sclerosis. *Ann Plast Surg* 28(4):377-380; 1992 Cited 15 times, IF 1.274 Rank 93 of 188
- 74. **Drake DB**, Pemberton JH, Beart RW, Dozois RR, Wolff BG. Coloanal anastomosis in the management of benign and malignant rectal disease. *Ann Surg* 206(5): 600-605; 1987
  Cited 60 times, IF = 7.474, Rank 1 of 141 Surgical journals

#### **ELECTRONIC MEDICINE ON-LINE PUBLICATIONS**

Eplasty: Reduction Mammoplasty Operative Techniques for Improved Outcomes in the Treatment of Gigantomastia: DeGeorge BD, Colen DL, Mericli AF, Drake DB.Vol 13. Elocation e54. ISSN 1937-5719 Oct 2013

Edlich RF, Drake DB, Long WB. Burns, Thermal. eMedicine from WebMD. Updated March 04, 2014. Available at: http://emedicine.medscape.com/article/1278244-overview.

Edlich RF, Drake DB, Long WB. Burns, Electrical. eMedicine from WebMD. Updated March 04, 2014. Available at: http://emedicine.medscape.com/article/1277496-overview.

Edlich RF, Drake DB, Long WB. Burns, Chemical. eMedicine from WebMD. Updated March 04, 2014. Available at: <a href="http://emedicine.medscape.com/article/1277764-overview">http://emedicine.medscape.com/article/1277764-overview</a>.

Edlich RF, Drake DB, Long WB. Burns, Lightning Injuries. eMedicine from WebMD. Updated March 11, 2014. Available at: <a href="http://emedicine.medscape.com/article/1278040-overview">http://emedicine.medscape.com/article/1278040-overview</a>.

Use of Botulinum Toxin A in the treatment of medically resistant vasospastic disease of the hand: An alternative to surgical intervention .Arnold PB, **Drake DB**, Chhabra AB. Greens Hand Surgery Update, 2008 <a href="http://www.greenshandsurgery.com">http://www.greenshandsurgery.com</a>

Podcast of surgical technique of abdominal wall repair for resident education http://phobos.apple.com/WebObjects/MZStore.woa/wa/viewPodcast?id=292777049

#### NON-PEER-REVIEWED PAPERS AND SHORT COMMUNICATIONS

- 1. **Drake DB**, Lewis RP, Schwitzer J, Woods JA, Cox MJ, Gear AJL, Edlich RF. Scientific basis of wound closure techniques. Evaluation of a new training program. *J Emerg Med.* 1998; 16(4): 651-4.
- 2. Edlich RF, **Drake DB**. Repair of lacerations (part 4) Technical Considerations in Wound Closure. *Hosp Med*. 1995; 31(7): 35-9.
- 3. Edlich RF, **Drake DB**. Repair of lacerations (part 3) technical considerations. *Hosp Med.* 1995; 31(6): 42-4.
- 4. Donnelly M, Miler R, Rubeck R, **Drake DB**, Sloan D, Schwartz R. Patterns of choice behavior in a clinical problem solving task. *Interdisciplinary*. 1994; 12(2).
- 5. Donnelly M, Mayo P, **Drake DB**, Schwartz R. Faculty evaluation of problem based learning in a surgical clerkship. *Focus on Surgical Education*. 1993; 10(4): 13-15.
- 6. **Drake DB**, Luce EA. Breast Implants: Breast cancer detection and occurrence. *Curr Probl Surg*: Commentary. 1993; 50(8): 548-51

#### CORRESPONDENCE (LETTERS TO THE EDITOR)

- 1. Gear A.JL, Wright H, Nguyen WD, **Drake DB**, Edlich RF. Self-inflicted burn injury. *Amer J Emerg Med*. 15 (6): 617-618; 1997
  Cited 0 times, IF =1.208, Rank 4 of 12 Emergency Medicine journals
- Wright HR, Drake DB, Gear AJ, Stiles BM, Edlich RF. Refractory Raynauds phenomen in scleroderma: an indication for surgery. *Amer J Emer Med* 15 (3): 328-30;1997
   Cited 0 times, IF =1.208, Rank 4 of 12 Emergency Medicine journals

# HEALTH ED/VIDEOS INSTRUCTIONAL COURSE:

**The Scientific Basis of Wound Closure Techniques.** Edlich RF, Woods JA, **Drake DB**, May 1996. A comprehensive wound closure course designed for students and residents which includes a video tape presentation, workbook, practice lab and suture materials. This activity was accredited by the Dannemiller Memorial Foundation for four continuing medical education credits in category one of the Physicians Recognition Award of the AMA.

**The Scientific Basis of Wound Closure Techniques. Drake DB**, Wright HR, Stiles BM, Edlich RF. 2<sup>nd</sup> ed. May 1999. Updated and revised. DVD published in 2005

The "Open Book" Variation of Complex Hernia Repair. Drake DB. American College of Surgeons Cine'-Clinic. DVD available through the ACS, October 2009.

#### **BOOK CHAPTERS:**

Nava G, **Drake DB.** *Plastic Surgery, Microsurgical Simulation:* in Textbook of Simulation, Skills and Team Training, Ed Tsuda TT, Scott DJ, Jones DB. Association for Surgical Education. Cine-Med Pub. 2012

Campbell CA, **Drake DB.** *ICU Recall* 3<sup>rd</sup> ed. Thaemert NL, Hobson CE, Tribble CG. Lippincott Williams and Wilkins, Philadelphia, PA: Chapter 30, Burn:487-507: 2008

Schalet BJ, **Drake DB**. *ICU Recall* 2<sup>nd</sup> Ed . Eds. Thaemert NL, Tribble CG. Lippincott Williams and Wilkins, Philadelphia, PA: Chapter 31, Burn: 536-573: 2005

Edlich RF, Bentram DJ, **Drake DB**. *Universal Precautions*. <u>Ambulatory Surgery</u>. Eds. Schirmer BD, Rattner DW, Saunders WB. Philadelphia, PA: 357-369:1998.

Edlich RF, Langenburg SE, **Drake DB**. *Excisional Biopsy of Skin Tumor*. <u>Ambulatory Surgery</u>. Eds. Schirmer BD, Rattner DW. Saunders WB. Philadelphia, PA: 371-382:1998

**Drake DB**, Williams, RM. Hand Infections. <u>Advances in Medicine</u>. (Ed) Edlich RF; ABI Professional Publications. Arlington VA.688-94:2000

#### **BOOK REVIEWS:**

"Nerve Injuries: Operative Results for Major Nerve Injuries, Entrapments, and Tumors." Kline DG, Hudson AR. *Plast Reconstr Surg*.

#### **PRESENTATIONS:**

(Sponsored residents in parentheses)

#### **National and International Presentations:**

Archual, AJ, DeGeorge BD, Drake DB. The Utility of Composite Flexor Tendon Allografts for Hand and Upper Extremity Reconstruction. **American Association of Hand Surgery Annual Meeting.** Phoenix Arizona Jan 10-13, 2018

Archual, AJ, DeGeorge BD, Drake DB. The Utility of Composite Flexor Tendon Allograft Subunits for Digital Pulley System Reconstruction. **American Association of Hand Surgery Annual Meeting.** Phoenix Arizona Jan 10-13, 2018

DeGeorge BR Jr.\* and Drake DB. Utility of Composite Flexor Tendon Allografts for Hand and Upper Extremity Reconstruction. **70th American Society for Surgery of the Hand Annual Meeting**. Seattle, WA, September 10, 2015.

DeGeorge BR Jr.\* and Drake DB. Annual Research Award Lecture: Traumatic Hand Flexor Repair with Human Composite Tendon Allograft. **Southeastern Society of Plastic and Reconstructive Surgeons 56th Annual Meeting**. Bonita Springs, FL, June 4, 2013.

"The Open Book Component Separation: a Fifteen-Year Single Surgeon Review". American College of Surgeons Clinical Congress: Chicago, Ill October 3, 2012.

"The Open-Book Variation of Component Separation for Reconstruction of the Massive Ventral Abdominal Hernia; Fifteenteen Year Experience" American Association of Plastic Surgeons Meeting; San Francisco CA, April 14-18, 2012. (Alex Mericli)

"The Open-Book Variation of Component Separation for Reconstruction of the Massive Ventral Abdominal Hernia; Thirteen Year Experience" American Hernia Society Meeting; Orlando Grande Lakes, Florida, March 17-20, 2010 (Dr Bell presented)

"Clinical Evaluation of Non-Adherent Foam Dressings With and Without Silver for the Local Management of Split Thickness Donor Sites" The 22<sup>nd</sup> Annual Symposium on Advanced Wound Care, April 26, 2009, Dallas Texas. (Dr Ratliff presented)

"Open Book Technique for Massive Hernia Repair" American College of Surgeons Clinical Congress Cine' Clinic, San Francisco CA, October 2008.

"Video Illustration of the Open Book Technique for Massive Hernia Repair" Video Plastic Surgery Workshop, Amelia Island FL Feb28-Mar 2 2008

"Quantitative Evaluation of the Dilation of Rat Femoral Vessels Following Application of Topical Botulinum Toxin" American Society for Reconstructive Microsurgery, Meeting: Hollywood, California. Jan 2008 (Dr Arnold presented)

"The Open Book Modification of Component Separation for Ventral Hernia Repair". Invited Presenter; **Hernia Repair 2007, American Hernia Society,** Hollywood, Fl Mar 7-11, 2007.

"The Open Book Modification of Component Separation for Ventral Hernia Repair". Presented at the **First and Second Annual Bariatric Plastic Surgery Workshop**, Amelia Island, Florida, October 2005 and November 2006

Reimbursement Issues for Bariatric Surgery Panel Moderator at the First Annual Bariatric Plastic Surgery Workshop, Amelia Island, Florida, October 2005

"The "Open Book" Variation of the Component Separation Technique for the Treatment of Massive Abdominal Wall Hernia" Presented at the **Southern Surgical Congress**. Feb 2003. (Dr.Ennis Presented)

"Update and New Applications of Negative Pressure Wound Therapy" Multidisciplinary Panel Discussion Leader and Presenter: American College of Surgeons Meeting Clinical Congress, New Orleans LA Oct, 2003

"Negative Pressure Wound Therapy: Basic Science, Clinical Applications and Adjunctive therapy". Multidisciplinary Panel Discussion Leader: American College of Surgeons Meeting Clinical Congress, New Orleans LA Oct, 2001

"Tissue Adhesives in Plastic Surgery: Update". University of Virginia Tissue Adhesive Center National Conference on Tissue Adhesives, Charlottesville, Va., May 6, 2000.

"The Management of the Hand in Freeman-Sheldon Syndrome" Combined meeting of the **Japanese and American Societies for Surgery of the Hand**, March 26-28, 2000, Maui, HI. (Dr. Kalliainen presented)

"One Year Experience of Hair Removal Using the Diode Laser at a University Center" Arab Plast 2000, 6<sup>th</sup> annual Congress of the Pan-Arab Association for Burn and Plastic Surgery, February 19-23, 2000, Dubai, UAE. (Dr. Bitar presented)

"Plastic Surgery Uses for Fibrin Sealant." University of Virginia Tissue Adhesive Center National Conference on Fibrin Adhesives, April, 1999.

"Comparative Thrombogenic Effects of a Fibrin Monomer Fibrin Sealant to Thrombin Based Fibrin Sealant on Microvenous Anastomoses in a Rat Model" Presentation. International Society of Reconstructive Microsurgery, Los Angeles, California. June 26, 1999.

"The Hand Anomaly in the Freeman Sheldon Syndrome." American Association for Hand Surgery. Boca Raton, Florida. June 8-15, 1997. (Dr Kallianin Hand Fellow presented)

"Combined Medical/Surgical Clerkship for Third year Students." Surgeons as Educators Club, 80<sup>th</sup> Annual Clinical Congress, **American College of Surgeons**, Chicago, Illinois. October 9-14, 1994.

"Faculty Evaluation of Problem-Based Learning in a Surgical Clerkship." Poster Presentation. 13<sup>th</sup> Annual **Association for Surgical Education** Meeting, Indianapolis, Indiana. April 14-17, 1993.

Schwartz R, Donnelly M, Drake DB, Sloan D. "Faculty Sensitivity in Detecting Medical Students' Clinical Competence" Canadian Society for Clinical Investigation. Vancouver, British Columbia. September 9-13, 1993.

"Work Place Compression Disorders of the Upper Extremity." Myofascial Dysfunction vs. Carpal Tunnel Syndrome; Presentation and Panel Discussion. American College of Surgeons Clinical Congress, New Orleans, LA. October 11-16, 1992.

"Coloanal Anastomosis in the Management of Benign and Malignant Rectal Disease." **American Society of Colo-Rectal Surgeons**, Houston, Texas. May 1986.

#### **Regional Presentations:**

Lands H, Drake DB. A Medical Mystery: Unexplained Renal Failure in Burn patients. Southern Regional Burn Conference, Miami Florida November 3-2, 2017. **Third Place award for student presentation.** 

DeGeorge BR Jr.\*, Olenczak JB, Archual AJ, Cottler PS, Drake DB. Acellular Abdominal Wall Allograft: Preclinical biomechanical investigation of a novel reconstructive adjunct. Southeastern Society of Plastic and Reconstructive Surgeons 59thAnnual Meeting. Orlando, FL, June 11, 2016.

DeGeorge BR Jr. \* and Drake DB. The Utility of Acellular Composite Flexor Tendon Allograft Subunits for Digital Pulley System Reconstruction. Southeastern Society of Plastic and Reconstructive Surgeons 59thAnnual Meeting. Orlando, FL, June 11, 2016.

DeGeorge BR Jr., Lee AC\*, Drake DB. Perception of Plastic Surgeons as Peripheral Nerve Specialists: A Survey of Primary Care Physicians and Medical Students. American Society for Peripheral Nerve Annual Meeting. Scottsdale, AZ, January 16, 2016

Drake, DB. Invited lecture: SESPRS TOP TIPS; *Biotenodesis Screw for CMC arthroplasty*. Annual Meeting, Amelia Island FL. June 2015

DeGeorge BR Jr.\* and Drake DB. **Glancy Resident Research Award Presentation**: Utility of Composite Flexor Tendon Allografts for Hand and Upper Extremity Reconstruction. Southeastern Society of Plastic and Reconstructive Surgeons 57th Annual Meeting. Nassau, Bahamas, June 10, 2014.

DeGeorge BR Jr.\* and Drake DB. Annual Research Award Lecture: Traumatic Hand Flexor Repair with Human Composite Tendon Allograft. Southeastern Society of Plastic and Reconstructive Surgeons 56th Annual Meeting. Bonita Springs, FL, June 4, 2013.

Drake DB. Invited lecture: *Current Concepts of Wound VAC Therapy*. Virginia Orthopedic Society. Homestead, Hot Springs Virginia May 30,2011

Virginia Chapter, American College of Surgeons, Virginia Surgical Society 2009 Annual Meeting; Invited panelist; *Breast Cancer Surgery and Reconstruction*. Virginia Beach Virginia April 24,2009

"Abdominal Contouring in the Superobese: A Single Surgeon Review of 22 cases"

Southeastern Society of Plastic and Reconstructive Surgeons Meeting; Palm Beach FL, June 7, 2010. (Dr Mericli presented)

"Complications of Abdominoplasty: Current Status" Southeastern Society of Plastic and Reconstructive Surgeons; Wyndam Rio Mar, Puerto Rico, June 10, 2009.

"Acute and Long Term Effects of Botulinum Toxin on Vascular Smooth Muscle in the Rat" Research Award Presentation, Southeastern Society of Plastic and Reconstructive Surgeons Meeting, Boca Raton FL, June 7-11,2008 (Dr Arnold Presented)

**Panel Moderator Southeastern Society of Plastic and Reconstructive Surgeons** "The upper extremity panel moderated by Dr. David Drake with presentations by Drs. Wayne Morrison, Wyndell Merritt, and Scott Levin showcased an impressive array of challenging problems solved with an awareness of both form and function". Boca Raton, FL 2008

"The Open Book Repair of Massive Ventral Hernias" Southeastern Society of Plastic and Reconstructive Surgery. Meeting Destin FL; June 9-13, 2007

"Your Patient is on Fire! The Avoidable Tragedy" Southeastern Society of Plastic and Reconstructive Surgery. Meeting Destin FL; June 9-13, 2007

- "Bacterial Bioburden in Wound VAC® Therapy": Southeastern Society of Plastic and Reconstructive Surgery. Meeting Palm Beach, FL; May 31- June 4, 2003 (Dr. Weed presented)
- "Returning Profitability to the Burn Unit (for Now)": Southeastern Society of Plastic and Reconstructive Surgery. Meeting Palm Beach, FL; May 31- June 4, 2003
- "The "Open Book" Variation of Component Separation Technique for the Treatment of Massive Abdominal Wall Defects": Presented at the American College of Surgeons Chapter Meeting, Destin FL May, 2003 (Dr. Ennis presented)
- "An Outcome Study of Breast Reconstruction: Pre-Surgical Risk Factors for Complications". **Southeastern Society of Plastic and Reconstructive Surgery**. Meeting June 9-13, Orlando FL. 2001(Dr. Johns presented)
- "An Algorithim for the Optimal use of the Versatile Radial Forearm Flap"

  Southeastern Society of Plastic and Reconstructive Surgery. Meeting June 9-13 2001,
  Orlando FL. (Dr. Hersh presented)
- "The Vacuum Assisted Closure Device as a Bridge to Sternal Wound Closure" Southeastern Society of Plastic and Reconstructive Surgeons. Meeting, June1-6, 2000, Bermuda. (Dr. Hersh presented)
- "Plastic Surgery Uses of Fibrin Sealant", Presentation to Heamacure Corporation for the Tissue Adhesive Center, University of Virginia. November, 1998.
- "Burns" Regional Presentation. University of Kentucky Advanced Trauma Life Support, Lexington, Kentucky: October 7, 1994.
- "Immediate Reconstruction of the Mangled Hand." Invited Speaker with Dr. D. Honeycutt, American College of Surgeons, Kentucky Chapter, Lexington, Kentucky. March 11, 1994.
- "Acute Burn Management: Evaluation, Resuscitation, and Surgical Intervention." **Fourth Annual Trauma/Emergency Symposium**, University of Kentucky, Lexington, Kentucky. December 2-3, 1993.
- "Quantification of Nicotine Exposure in Surgical Patients: A Preliminary Report." **Southeastern Society of Plastic and Reconstructive Surgeons**, Hilton Head Island, South Carolina. June 6-10, 1993.
- "Versatility of the Plantaris Tendon Graft." Southeastern Society of Plastic and Reconstructive Surgeons, Amelia Island, Florida. June 1992.
- "Magnetic Resonance Imaging of in Situ Mammary Prosthesis." Southeastern Society of Plastic and Reconstructive Surgeons, Amelia Island, Florida. June 1992.
- "Microsurgical Reconstruction for the 1990's." Stuart Circle Hospital Clinical Staff Meeting, Richmond, Virginia. February 1992.

"Carpal Tunnel Syndrome in the Work Place." Byrd Press, Richmond, Virginia. November 1991.

"Acute Mesenteric Ischemia: Mayo Clinic Experience 1979-1983." Minnesota Surgical Society, St. Paul, Minnesota. October 1987

#### **INVITED LECTURES AND SYMPOSIUMS:**

Panel moderator and organizer: Acellular Dermal Matrices: *The Good, the Bad, and the Ugly*. Southeastern Society of Plastic Surgeons Annual Meeting, Bonita Springs Fl. June 1, 2013.

Panel Moderator American College of Surgeons Clinical Congress; Session SP 17, Scientific Papers. Chicago, Ill October 3, 2012.

Abdominal wall reconstruction using the open-book technique: a fifteen-year, single surgeon experience. Clinical Congress. American College of Surgeons, Chicago, Ill October 2, 2012

Grand Rounds; Department of Physical Medicine and Rehabilitation Sept. 06, 2012. *Burn Care, Surgery and Rehabilitation* with Leslie Baruch, OTR/L University of Virginia Occupational Therapist

Virginia Orthopedic Society Invited Lecture: *Current Concepts of Wound VAC Therapy*. Homestead, Hot Springs, Va. May 30, 2011.

Grand Rounds; Department of Physical Medicine and Rehabilitation Nov 4, 2009. *Burn Care, Surgery and Rehabilitation* with Leslie Baruch, OTR/L University of Virginia Occupational Therapist

"The Open Book Technique for Repair of Massive Ventral Hernia"; Cine Clinic, American College of Surgeons Clinical Congress; October 2008

"The Open Book Technique of Component Separation for Functional Ventral Hernia Repair" Invited Lecture: **American Hernia Society Meeting** "**Hernia 2007**"; Hollywood Florida, March 7-11, 2007.

"Major Flap Reconstruction of the Head and Neck" Fitz-Hugh Symposium, University of Virginia Department of Otolaryngology, Head and Neck Surgery June 5, 2003

"Surgical Repair of Moh's Surgical Defects" (Panel Discussion) **Fitz-Hugh Symposium**, University of Virginia Department of Otolaryngology, Head and Neck Surgery June 5, 2003

"Surgical Flaps, Grafts, and Skin Equivalent" Chronic Wound Care Regional Conference, University of Virginia. Sponsored by the Department of Plastic Surgery March 28-29, 1998.

# **COMMUNITY**

Live at Five Channel 29 "Doctor Talk": Prevention of Burn Injuries 02/22/16

Live at Five Channel 29 "Doctor Talk": Prevention of Gasoline Burn Injuries 0/17/02

Live at Five Channel 29 "Doctor Talk": Carpal Tunnel Syndrome 2001